

Environmental Quality Incentives Program

Code	Practice	Component	Units	Unit Cost
102	Comprehensive Nutrient Management Plan - Written	CNMP Greater Than 300 AU with Land Application (Minimal Engineer Assistance)	no	\$4,771.55
102	Comprehensive Nutrient Management Plan - Written	HU-CNMP Greater Than 300 AU with Land Application (Minimal Engineer Assistance)	no	\$5,725.86
102	Comprehensive Nutrient Management Plan - Written	CNMP Greater Than 300 AU without Land Application (Minimal Engineer Assistance)	no	\$2,414.34
102	Comprehensive Nutrient Management Plan - Written	HU-CNMP Greater Than 300 AU without Land Application (Minimal Engineer Assistance)	no	\$2,897.21
102	Comprehensive Nutrient Management Plan - Written	CNMP Less Than or Equal to 300 AU with Land Application (Minimal Engineer Assistance)	no	\$3,633.08
102	Comprehensive Nutrient Management Plan - Written	HU-CNMP Less Than or Equal to 300 AU with Land Application (Minimal Engineer Assistance)	no	\$4,359.70
102	Comprehensive Nutrient Management Plan - Written	CNMP Less Than or Equal to 300 AU without Land Application (Minimal Engineer Assistance)	no	\$2,126.83
102	Comprehensive Nutrient Management Plan - Written	HU-CNMP Less Than or Equal to 300 AU without Land Application (Minimal Engineer Assistance)	no	\$2,552.20
102	Comprehensive Nutrient Management Plan - Written	Dairy Operation Greater Than or Equal to 300 AU and Less Than 700 AU with Land Application	no	\$8,929.78
102	Comprehensive Nutrient Management Plan - Written	HU-Dairy Operation Greater Than or Equal to 300 AU and Less Than 700 AU with Land Application	no	\$10,715.74
102	Comprehensive Nutrient Management Plan - Written	Dairy Operation Greater Than or Equal to 700 AU with Land Application	no	\$9,929.80
102	Comprehensive Nutrient Management Plan - Written	HU-Dairy Operation Greater Than or Equal to 700 AU with Land Application	no	\$11,915.76
102	Comprehensive Nutrient Management Plan - Written	Dairy Operation Less Than 300 AU with Land Application	no	\$7,814.76
102	Comprehensive Nutrient Management Plan - Written	HU-Dairy Operation Less Than 300 AU with Land Application	no	\$9,377.71
102	Comprehensive Nutrient Management Plan - Written	Livestock Operation Greater Than 300 AU without Land Application	no	\$7,009.01
102	Comprehensive Nutrient Management Plan - Written	HU-Livestock Operation Greater Than 300 AU without Land Application	no	\$8,410.81
102	Comprehensive Nutrient Management Plan - Written	Livestock Operation Less Than 300 AU without Land Application	no	\$5,641.85
102	Comprehensive Nutrient Management Plan - Written	HU-Livestock Operation Less Than 300 AU without Land Application	no	\$6,770.22
102	Comprehensive Nutrient Management Plan - Written	Non-Dairy Operation Greater Than or Equal to 300 AU and Less Than 700 AU with Land Application	no	\$8,067.99
102	Comprehensive Nutrient Management Plan - Written	HU-Non-Dairy Operation Greater Than or Equal to 300 AU and Less Than 700 AU with Land Application	no	\$9,681.58
102	Comprehensive Nutrient Management Plan - Written	Non-Dairy Operation Greater Than or Equal to 700 AU with Land Application	no	\$9,745.87
102	Comprehensive Nutrient Management Plan - Written	HU-Non-Dairy Operation Greater Than or Equal to 700 AU with Land Application	no	\$11,695.04

Code	Practice	Component	Units	Unit Cost
102	Comprehensive Nutrient Management Plan - Written	Non-Dairy Operation Less Than 300 AU with Land Application	no	\$6,263.67
102	Comprehensive Nutrient Management Plan - Written	HU-Non-Dairy Operation Less Than 300 AU with Land Application	no	\$7,516.41
104	Nutrient Management Plan - Written	Nutrient Management CAP 104 - 101-300 Acres (Element of a CNMP)	no	\$4,121.31
104	Nutrient Management Plan - Written	HU-Nutrient Management CAP 104 - 101-300 Acres (Element of a CNMP)	no	\$4,945.57
104	Nutrient Management Plan - Written	Nutrient Management CAP 104- 101-300 Acres (Not part of a CNMP)	no	\$2,355.03
104	Nutrient Management Plan - Written	HU-Nutrient Management CAP 104- 101-300 Acres (Not part of a CNMP)	no	\$2,826.04
104	Nutrient Management Plan - Written	Nutrient Management CAP 104 Greater Than 300 Acres (Element of a CNMP)	no	\$5,004.44
104	Nutrient Management Plan - Written	HU-Nutrient Management CAP 104 Greater Than 300 Acres (Element of a CNMP)	no	\$6,005.33
104	Nutrient Management Plan - Written	Nutrient Management CAP 104 Greater Than 300 Acres (Not part of a CNMP)	no	\$2,943.79
104	Nutrient Management Plan - Written	HU-Nutrient Management CAP 104 Greater Than 300 Acres (Not part of a CNMP)	no	\$3,532.55
104	Nutrient Management Plan - Written	Nutrient Management CAP 104 Less Than or Equal to 100 Acres (Element of a CNMP)	no	\$2,943.79
104	Nutrient Management Plan - Written	HU-Nutrient Management CAP 104 Less Than or Equal to 100 Acres (Element of a CNMP)	no	\$3,532.55
104	Nutrient Management Plan - Written	Nutrient Management CAP Less Than or Equal to 100 Acres (Not part of a CNMP)	no	\$1,766.27
104	Nutrient Management Plan - Written	HU-Nutrient Management CAP Less Than or Equal to 100 Acres (Not part of a CNMP)	no	\$2,119.53
106	Forest Management Plan - Written	FMP 101 to 250 acres	no	\$2,399.80
106	Forest Management Plan - Written	HU-FMP 101 to 250 acres	no	\$2,879.76
106	Forest Management Plan - Written	FMP 21 to 100 acres	no	\$1,339.42
106	Forest Management Plan - Written	HU-FMP 21 to 100 acres	no	\$1,607.31
106	Forest Management Plan - Written	FMP 251 to 500 acres	no	\$3,460.18
106	Forest Management Plan - Written	HU-FMP 251 to 500 acres	no	\$4,152.22
106	Forest Management Plan - Written	FMP 501 to 1000 acres	no	\$4,018.27
106	Forest Management Plan - Written	HU-FMP 501 to 1000 acres	no	\$4,821.93
106	Forest Management Plan - Written	FMP Greater Than 1000 acres	no	\$5,022.84
106	Forest Management Plan - Written	HU-FMP Greater Than 1000 acres	no	\$6,027.41
106	Forest Management Plan - Written	FMP Less Than or Equal to 20 acres	no	\$1,060.38
106	Forest Management Plan - Written	HU-FMP Less Than or Equal to 20 acres	no	\$1,272.45
110	Grazing Management Plan - Written	Grazing Management Plan 101 to 500 acres	no	\$2,308.14
110	Grazing Management Plan - Written	HU-Grazing Management Plan 101 to 500 acres	no	\$2,769.77
110	Grazing Management Plan - Written	Grazing Management Plan 1501 to 5000 acres	no	\$3,462.21
110	Grazing Management Plan - Written	HU-Grazing Management Plan 1501 to 5000 acres	no	\$4,154.66

Code	Practice	Component	Units	Unit Cost
110	Grazing Management Plan - Written	Grazing Management Plan 501 to 1500 acres	no	\$2,885.18
110	Grazing Management Plan - Written	HU-Grazing Management Plan 501 to 1500 acres	no	\$3,462.21
110	Grazing Management Plan - Written	Grazing Management Plan Greater Than 5000 acres	no	\$4,039.25
110	Grazing Management Plan - Written	HU-Grazing Management Plan Greater Than 5000 acres	no	\$4,847.10
110	Grazing Management Plan - Written	Grazing Management Plan Less Than or Equal to 100 acres	no	\$1,731.11
110	Grazing Management Plan - Written	HU-Grazing Management Plan Less Than or Equal to 100 acres	no	\$2,077.33
112	Prescribed Burning Plan - Written	Prescribed Burning Plan 101-250 Acres	no	\$669.71
112	Prescribed Burning Plan - Written	HU-Prescribed Burning Plan 101-250 Acres	no	\$803.65
112	Prescribed Burning Plan - Written	Prescribed Burning Plan 21-100 Acres	no	\$446.47
112	Prescribed Burning Plan - Written	HU-Prescribed Burning Plan 21-100 Acres	no	\$535.77
112	Prescribed Burning Plan - Written	Prescribed Burning Plan 251-500 Acres	no	\$892.95
112	Prescribed Burning Plan - Written	HU-Prescribed Burning Plan 251-500 Acres	no	\$1,071.54
112	Prescribed Burning Plan - Written	Prescribed Burning Plan 501-1000 Acres	no	\$1,116.19
112	Prescribed Burning Plan - Written	HU-Prescribed Burning Plan 501-1000 Acres	no	\$1,339.42
112	Prescribed Burning Plan - Written	Prescribed Burning Plan Greater Than 1000 Acres	no	\$1,339.42
112	Prescribed Burning Plan - Written	HU-Prescribed Burning Plan Greater Than 1000 Acres	no	\$1,607.31
112	Prescribed Burning Plan - Written	Prescribed Burning Plan Less Than or Equal to 20 Acres	no	\$279.05
112	Prescribed Burning Plan - Written	HU-Prescribed Burning Plan Less Than or Equal to 20 Acres	no	\$334.86
114	Integrated Pest Management Plan - Written	IPM Management CAP Large - Greater Than 250 Acres	no	\$2,943.79
114	Integrated Pest Management Plan - Written	HU-IPM Management CAP Large - Greater Than 250 Acres	no	\$3,532.55
114	Integrated Pest Management Plan - Written	IPM Management CAP Medium 51 - 250 Acres	no	\$1,884.03
114	Integrated Pest Management Plan - Written	HU-IPM Management CAP Medium 51 - 250 Acres	no	\$2,260.83
114	Integrated Pest Management Plan - Written	IPM Management CAP Small-Specialty Less Than 50 Acres	no	\$1,471.89
114	Integrated Pest Management Plan - Written	HU-IPM Management CAP Small-Specialty Less Than 50 Acres	no	\$1,766.27
118	Irrigation Water Management Plan - Written	Irrigation Water Management CAP with pump test	no	\$3,791.10
118	Irrigation Water Management Plan - Written	HU-Irrigation Water Management CAP with pump test	no	\$4,549.32
118	Irrigation Water Management Plan - Written	Irrigation Water Management Conservation Activity Plan CAP	no	\$2,412.52
118	Irrigation Water Management Plan - Written	HU-Irrigation Water Management Conservation Activity Plan CAP	no	\$2,895.02
130	Drainage Water Management Plan - Written	DWMP - No Tile Map Available	no	\$2,444.86
130	Drainage Water Management Plan - Written	HU-DWMP - No Tile Map Available	no	\$2,933.83
130	Drainage Water Management Plan - Written	DWMP - Tile Map Available	no	\$2,049.37

Code	Practice	Component	Units	Unit Cost
130	Drainage Water Management Plan - Written	HU-DWMP - Tile Map Available	no	\$2,459.25
138	Conservation Plan Supporting Organic Transition - Written	Conservation Plan Supporting Organic Transition CAP Crops and Livestock	no	\$4,312.63
138	Conservation Plan Supporting Organic Transition - Written	HU-Conservation Plan Supporting Organic Transition CAP Crops and Livestock	no	\$5,175.15
138	Conservation Plan Supporting Organic Transition - Written	Conservation Plan Supporting Organic Transition CAP Crops or Livestock	no	\$3,680.11
138	Conservation Plan Supporting Organic Transition - Written	HU-Conservation Plan Supporting Organic Transition CAP Crops or Livestock	no	\$4,416.13
142	Fish and Wildlife Habitat Plan - Written	Fish & Wildlife Habitat Management CAP (Three Land Uses)	no	\$3,099.89
142	Fish and Wildlife Habitat Plan - Written	HU-Fish & Wildlife Habitat Management CAP (Three Land Uses)	no	\$3,719.87
142	Fish and Wildlife Habitat Plan - Written	Fish & Wildlife Habitat Mangement CAP (1 Land Use)	no	\$2,146.08
142	Fish and Wildlife Habitat Plan - Written	HU-Fish & Wildlife Habitat Mangement CAP (1 Land Use)	no	\$2,575.29
142	Fish and Wildlife Habitat Plan - Written	Fish & Wildlife Habitat Mangement CAP (2 Land Uses)	no	\$2,622.98
142	Fish and Wildlife Habitat Plan - Written	HU-Fish & Wildlife Habitat Mangement CAP (2 Land Uses)	no	\$3,147.58
142	Fish and Wildlife Habitat Plan - Written	Fish and Wildlife Habitat Management CAP	no	\$2,503.76
142	Fish and Wildlife Habitat Plan - Written	HU-Fish and Wildlife Habitat Management CAP	no	\$3,004.51
146	Pollinator Habitat Plan - Written	Pollinator Habitat Enhancement Plan CAP	no	\$2,503.76
146	Pollinator Habitat Plan - Written	HU-Pollinator Habitat Enhancement Plan CAP	no	\$3,004.51
146	Pollinator Habitat Plan - Written	Pollinator Habitat Enhancement Plan CAP - No Local TSP	no	\$3,636.41
146	Pollinator Habitat Plan - Written	HU-Pollinator Habitat Enhancement Plan CAP - No Local TSP	no	\$4,363.69
154	IPM Herbicide Resistance Weed Conservation Plan - Written	IPM Herbicide Resistance Weed Management CAP Large - Greater Than 250 Acres	no	\$3,532.55
154	IPM Herbicide Resistance Weed Conservation Plan - Written	HU-IPM Herbicide Resistance Weed Management CAP Large - Greater Than 250 Acres	no	\$4,239.06
154	IPM Herbicide Resistance Weed Conservation Plan - Written	IPM Herbicide Resistance Weed Management CAP Medium 51 - 250 Acres	no	\$2,296.16
154	IPM Herbicide Resistance Weed Conservation Plan - Written	HU-IPM Herbicide Resistance Weed Management CAP Medium 51 - 250 Acres	no	\$2,755.39
154	IPM Herbicide Resistance Weed Conservation Plan - Written	IPM Herbicide Resistance Weed Management CAP Small-Specialty Less Than or Equal to 50 Acres	no	\$1,766.27
154	IPM Herbicide Resistance Weed Conservation Plan - Written	HU-IPM Herbicide Resistance Weed Management CAP Small-Specialty Less Than or Equal to 50 Acres	no	\$2,119.53
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Surface Last Year	Ea	\$14,137.60
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Surface Last Year	Ea	\$16,965.12
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Surface Last Year with two treatment sites	Ea	\$20,242.41
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Surface Last Year with two treatment sites	Ea	\$24,290.89
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Surface Year 1 - NO QAPP	Ea	\$11,782.57
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Surface Year 1 - NO QAPP	Ea	\$14,139.09

Code	Practice	Component	Units	Unit Cost
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Surface Year 1 less QAPP (pre-install information) with two treatment sites	Ea	\$16,709.86
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Surface Year 1 less QAPP (pre-install information) with two treatment sites	Ea	\$20,051.83
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Surface Year 1-QAPP	Ea	\$16,814.43
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Surface Year 1-QAPP	Ea	\$20,177.32
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Surface Year 1-QAPP with two treatment Sites	Ea	\$23,080.14
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Surface Year 1-QAPP with two treatment Sites	Ea	\$27,696.16
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Surface Year 2+	Ea	\$11,782.57
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Surface Year 2+	Ea	\$14,139.09
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Surface Year 2+ with two treatment sites	Ea	\$16,709.86
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Surface Year 2+ with two treatment sites	Ea	\$20,051.83
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Tile Last Year	Ea	\$30,475.93
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Tile Last Year	Ea	\$36,571.11
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Tile Last Year with two treatment sites	Ea	\$43,143.23
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Tile Last Year with two treatment sites	Ea	\$51,771.88
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Tile Year 1 - NO QAPP	Ea	\$28,120.90
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Tile Year 1 - NO QAPP	Ea	\$33,745.08
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Tile Year 1 less QAPP (pre-install information) with two treatment sites	Ea	\$39,610.68
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Tile Year 1 less QAPP (pre-install information) with two treatment sites	Ea	\$47,532.82
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Tile Year 1 with two treatment sites and QAPP	Ea	\$45,980.96
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Tile Year 1 with two treatment sites and QAPP	Ea	\$55,177.15
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Tile Year 1-QAPP	Ea	\$33,152.76
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Tile Year 1-QAPP	Ea	\$39,783.31
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Tile Year 2+	Ea	\$28,120.90
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Tile Year 2+	Ea	\$33,745.08
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Tile Year 2+ with two treatment sites	Ea	\$39,610.68
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Tile Year 2+ with two treatment sites	Ea	\$47,532.82
202	Edge-of-Field Water Quality Monitoring-System Installation	System Installation-Above And Below	Ea	\$22,182.78
202	Edge-of-Field Water Quality Monitoring-System Installation	HU-System Installation-Above And Below	Ea	\$26,619.34
202	Edge-of-Field Water Quality Monitoring-System Installation	System Installation-Above And Below cold climate	Ea	\$26,272.40

Code	Practice	Component	Units	Unit Cost
202	Edge-of-Field Water Quality Monitoring-System Installation	HU-System Installation-Above And Below cold climate	Ea	\$31,526.87
202	Edge-of-Field Water Quality Monitoring-System Installation	System Installation-Retrofit 1	Ea	\$2,623.10
202	Edge-of-Field Water Quality Monitoring-System Installation	HU-System Installation-Retrofit 1	Ea	\$3,147.72
202	Edge-of-Field Water Quality Monitoring-System Installation	System Installation-Retrofit 2	Ea	\$6,972.70
202	Edge-of-Field Water Quality Monitoring-System Installation	HU-System Installation-Retrofit 2	Ea	\$8,367.24
202	Edge-of-Field Water Quality Monitoring-System Installation	System Installation-Retrofit 3	Ea	\$9,983.91
202	Edge-of-Field Water Quality Monitoring-System Installation	HU-System Installation-Retrofit 3	Ea	\$11,980.69
202	Edge-of-Field Water Quality Monitoring-System Installation	System Installation-Retrofit Above 2	Ea	\$12,341.58
202	Edge-of-Field Water Quality Monitoring-System Installation	HU-System Installation-Retrofit Above 2	Ea	\$14,809.90
202	Edge-of-Field Water Quality Monitoring-System Installation	System Installation-Retrofit Above and Below 1	Ea	\$3,781.25
202	Edge-of-Field Water Quality Monitoring-System Installation	HU-System Installation-Retrofit Above and Below 1	Ea	\$4,537.50
202	Edge-of-Field Water Quality Monitoring-System Installation	System Installation-Surface	Ea	\$14,717.96
202	Edge-of-Field Water Quality Monitoring-System Installation	HU-System Installation-Surface	Ea	\$17,661.55
202	Edge-of-Field Water Quality Monitoring-System Installation	System Installation-Surface Cold Climate	Ea	\$15,787.79
202	Edge-of-Field Water Quality Monitoring-System Installation	HU-System Installation-Surface Cold Climate	Ea	\$18,945.35
202	Edge-of-Field Water Quality Monitoring-System Installation	System Installation-Tile	Ea	\$22,765.27
202	Edge-of-Field Water Quality Monitoring-System Installation	HU-System Installation-Tile	Ea	\$27,318.32
202	Edge-of-Field Water Quality Monitoring-System Installation	System Installation-Tile Cold Climate	Ea	\$22,765.27
202	Edge-of-Field Water Quality Monitoring-System Installation	HU-System Installation-Tile Cold Climate	Ea	\$27,318.32
309	Agrichemical Handling Facility	Agrichemical Storage & Handling Pad in New building	sq ft	\$18.32
309	Agrichemical Handling Facility	HU-Agrichemical Storage & Handling Pad in New building	sq ft	\$21.99
309	Agrichemical Handling Facility	Agrichemical Storage Mixing & Handling Pad in New building, steep site	sq ft	\$22.01
309	Agrichemical Handling Facility	HU-Agrichemical Storage Mixing & Handling Pad in New building, steep site	sq ft	\$26.41
313	Waste Storage Facility	Composted Bedded Pack, Earthen Floor, Concrete Wall	sq ft	\$4.01
313	Waste Storage Facility	HU-Composted Bedded Pack, Earthen Floor, Concrete Wall	sq ft	\$4.81
313	Waste Storage Facility	Dry Stack, <2K Concrete Fl walls	sq ft	\$12.28
313	Waste Storage Facility	HU-Dry Stack, <2K Concrete Fl walls	sq ft	\$14.74
313	Waste Storage Facility	Dry Stack, 2K> Concrete Fl wall	sq ft	\$8.51
313	Waste Storage Facility	HU-Dry Stack, 2K> Concrete Fl wall	sq ft	\$10.21
313	Waste Storage Facility	Earthen Storage Facility 50K to 200k cuft Storage	cu ft	\$0.26
313	Waste Storage Facility	HU-Earthen Storage Facility 50K to 200k cuft Storage	cu ft	\$0.31

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313	Waste Storage Facility	Earthen Storage Facility >200K cuft Storage	cu ft	\$0.20
313	Waste Storage Facility	HU-Earthen Storage Facility >200K cuft Storage	cu ft	\$0.24
313	Waste Storage Facility	Tank, 40K<55K CF	cu ft	\$1.69
313	Waste Storage Facility	HU-Tank, 40K<55K CF	cu ft	\$2.03
313	Waste Storage Facility	Tank, <5K	cu ft	\$5.38
313	Waste Storage Facility	HU-Tank, <5K	cu ft	\$6.46
313	Waste Storage Facility	Tank, 25K<40K	cu ft	\$1.96
313	Waste Storage Facility	HU-Tank, 25K<40K	cu ft	\$2.35
313	Waste Storage Facility	Tank, 55K<70K CF	cu ft	\$1.53
313	Waste Storage Facility	HU-Tank, 55K<70K CF	cu ft	\$1.84
313	Waste Storage Facility	Tank, 5K<15K	cu ft	\$2.43
313	Waste Storage Facility	HU-Tank, 5K<15K	cu ft	\$2.91
313	Waste Storage Facility	Tank, 70K<85K CF	cu ft	\$1.33
313	Waste Storage Facility	HU-Tank, 70K<85K CF	cu ft	\$1.60
313	Waste Storage Facility	Tank, 85K<125K CF	cu ft	\$1.10
313	Waste Storage Facility	HU-Tank, 85K<125K CF	cu ft	\$1.32
313	Waste Storage Facility	Tank,125K or > CF	cu ft	\$0.94
313	Waste Storage Facility	HU-Tank,125K or > CF	cu ft	\$1.12
313	Waste Storage Facility	Tank,15K<25K	cu ft	\$2.18
313	Waste Storage Facility	HU-Tank,15K<25K	cu ft	\$2.62
314	Brush Management	Chemical - Ground Applied	ac	\$116.90
314	Brush Management	HU-Chemical - Ground Applied	ac	\$140.28
314	Brush Management	Chemical, Individual Plant Treatment	ac	\$165.60
314	Brush Management	HU-Chemical, Individual Plant Treatment	ac	\$198.72
314	Brush Management	Chemical, Intense Individual Plant Treatment	ac	\$673.20
314	Brush Management	HU-Chemical, Intense Individual Plant Treatment	ac	\$807.84
314	Brush Management	Hand Tools and Chemical Treatment	ac	\$362.75
314	Brush Management	HU-Hand Tools and Chemical Treatment	ac	\$435.30
314	Brush Management	Hand tools, Woody Vegetation	ac	\$232.35
314	Brush Management	HU-Hand tools, Woody Vegetation	ac	\$278.82
314	Brush Management	Light Brush Management	ac	\$41.09

Code	Practice	Component	Units	Unit Cost
314	Brush Management	HU-Light Brush Management	ac	\$49.31
314	Brush Management	Light Mechanical and Chemical	ac	\$402.42
314	Brush Management	HU-Light Mechanical and Chemical	ac	\$482.90
314	Brush Management	Mechanical, Heavy, > 4 Inches DBH	ac	\$545.11
314	Brush Management	HU-Mechanical, Heavy, > 4 Inches DBH	ac	\$654.13
314	Brush Management	Mechanical, Light Equipment	ac	\$98.46
314	Brush Management	HU-Mechanical, Light Equipment	ac	\$118.15
314	Brush Management	Mechanical, Medium 2 to 4 Inch DBH	ac	\$345.34
314	Brush Management	HU-Mechanical, Medium 2 to 4 Inch DBH	ac	\$414.40
314	Brush Management	Medium Brush Management	ac	\$66.94
314	Brush Management	HU-Medium Brush Management	ac	\$80.33
315	Herbaceous Weed Treatment	Blanket Treatment Multi Pass	ac	\$109.06
315	Herbaceous Weed Treatment	HU-Blanket Treatment Multi Pass	ac	\$130.87
315	Herbaceous Weed Treatment	Chemical, Ground	ac	\$27.84
315	Herbaceous Weed Treatment	HU-Chemical, Ground	ac	\$33.40
315	Herbaceous Weed Treatment	Chemical, Spot	ac	\$68.42
315	Herbaceous Weed Treatment	HU-Chemical, Spot	ac	\$82.10
315	Herbaceous Weed Treatment	Forest Herbaceous Chemical Ground	ac	\$155.39
315	Herbaceous Weed Treatment	HU-Forest Herbaceous Chemical Ground	ac	\$186.47
315	Herbaceous Weed Treatment	Light Spot Treatment	ac	\$26.29
315	Herbaceous Weed Treatment	HU-Light Spot Treatment	ac	\$31.55
315	Herbaceous Weed Treatment	Mechanical	ac	\$98.46
315	Herbaceous Weed Treatment	HU-Mechanical	ac	\$118.15
315	Herbaceous Weed Treatment	mechanical and chemical	ac	\$90.11
315	Herbaceous Weed Treatment	HU-mechanical and chemical	ac	\$108.14
316	Animal Mortality Facility	<700 CF Invessel Rotary Drum	cu ft	\$76.39
316	Animal Mortality Facility	HU-<700 CF Invessel Rotary Drum	cu ft	\$91.67
316	Animal Mortality Facility	Freezer	Ea	\$4,422.00
316	Animal Mortality Facility	HU-Freezer	Ea	\$5,306.40
316	Animal Mortality Facility	Invessel Rotary Drum=>700 CF	cu ft	\$40.70
316	Animal Mortality Facility	HU-Invessel Rotary Drum=>700 CF	cu ft	\$48.84

Code	Practice	Component	Units	Unit Cost
316	Animal Mortality Facility	Static pile, Concrete Bins	sq ft	\$10.07
316	Animal Mortality Facility	HU-Static pile, Concrete Bins	sq ft	\$12.08
316	Animal Mortality Facility	Static pile, Concrete Pad	sq ft	\$4.65
316	Animal Mortality Facility	HU-Static pile, Concrete Pad	sq ft	\$5.58
316	Animal Mortality Facility	Static Pile, Concrete with curbs	sq ft	\$4.92
316	Animal Mortality Facility	HU-Static Pile, Concrete with curbs	sq ft	\$5.90
316	Animal Mortality Facility	Static pile, Wood Bins	sq ft	\$12.75
316	Animal Mortality Facility	HU-Static pile, Wood Bins	sq ft	\$15.30
317	Composting Facility	Bins, wood or concrete walls on concrete slab	sq ft	\$10.71
317	Composting Facility	HU-Bins, wood or concrete walls on concrete slab	sq ft	\$12.85
317	Composting Facility	Composter, Windrow, compacted earth floor	sq ft	\$0.28
317	Composting Facility	HU-Composter, Windrow, compacted earth floor	sq ft	\$0.34
317	Composting Facility	Composter, Windrow, concrete pads, curbs	sq ft	\$4.77
317	Composting Facility	HU-Composter, Windrow, concrete pads, curbs	sq ft	\$5.72
317	Composting Facility	Composter, Windrow, gravel surface	sq ft	\$1.00
317	Composting Facility	HU-Composter, Windrow, gravel surface	sq ft	\$1.20
324	Deep Tillage	Deep Tillage less than 20 inches	ac	\$19.59
324	Deep Tillage	HU-Deep Tillage less than 20 inches	ac	\$23.51
324	Deep Tillage	Deep Tillage more than 20 inches	ac	\$54.20
324	Deep Tillage	HU-Deep Tillage more than 20 inches	ac	\$65.04
325	High Tunnel System	High Tunnel, Low Snow and Wind Load	sq ft	\$3.00
325	High Tunnel System	HU-High Tunnel, Low Snow and Wind Load	sq ft	\$3.60
327	Conservation Cover	Introduced Species	ac	\$133.54
327	Conservation Cover	HU-Introduced Species	ac	\$160.25
327	Conservation Cover	Monarch Species Mix	ac	\$1,120.92
327	Conservation Cover	HU-Monarch Species Mix	ac	\$1,345.10
327	Conservation Cover	Native Species	ac	\$150.16
327	Conservation Cover	HU-Native Species	ac	\$180.19
327	Conservation Cover	Orchard or Vineyard Alleyways	ac	\$91.11
327	Conservation Cover	HU-Orchard or Vineyard Alleyways	ac	\$109.33
327	Conservation Cover	Pollinator Species	ac	\$795.72

Code	Practice	Component	Units	Unit Cost
327	Conservation Cover	HU-Pollinator Species	ac	\$954.87
328	Conservation Crop Rotation	Basic Rotation Organic and Non-Organic	ac	\$10.02
328	Conservation Crop Rotation	HU-Basic Rotation Organic and Non-Organic	ac	\$12.03
328	Conservation Crop Rotation	Specialty Crops Organic and Non-Organic	ac	\$26.72
328	Conservation Crop Rotation	HU-Specialty Crops Organic and Non-Organic	ac	\$32.07
329	Residue and Tillage Management, No-Till	No Till Adaptive Management	Ea	\$2,496.15
329	Residue and Tillage Management, No-Till	HU-No Till Adaptive Management	Ea	\$2,995.38
329	Residue and Tillage Management, No-Till	No-Till/Strip-Till	ac	\$17.14
329	Residue and Tillage Management, No-Till	HU-No-Till/Strip-Till	ac	\$20.57
330	Contour Farming	Contour Farming	ac	\$6.90
330	Contour Farming	HU-Contour Farming	ac	\$8.28
332	Contour Buffer Strips	Introduced Species, Foregone Income (Organic and Non-Organic)	ac	\$473.62
332	Contour Buffer Strips	HU-Introduced Species, Foregone Income (Organic and Non-Organic)	ac	\$491.84
332	Contour Buffer Strips	Native Species, Foregone Income (Organic and Non-organic)	ac	\$471.44
332	Contour Buffer Strips	HU-Native Species, Foregone Income (Organic and Non-organic)	ac	\$489.23
338	Prescribed Burning	Herbaceous Fuel	ac	\$27.60
338	Prescribed Burning	HU-Herbaceous Fuel	ac	\$33.13
338	Prescribed Burning	Site Preparation	ac	\$131.08
338	Prescribed Burning	HU-Site Preparation	ac	\$157.30
338	Prescribed Burning	Understory Burn	ac	\$59.56
338	Prescribed Burning	HU-Understory Burn	ac	\$71.48
338	Prescribed Burning	Volatile fuels < 4 ft tall	ac	\$36.01
338	Prescribed Burning	HU-Volatile fuels < 4 ft tall	ac	\$43.22
338	Prescribed Burning	Volatile fuels > 4 ft tall	ac	\$45.72
338	Prescribed Burning	HU-Volatile fuels > 4 ft tall	ac	\$54.86
340	Cover Crop	Cover Crop - Adaptive Management	Ea	\$1,988.13
340	Cover Crop	HU-Cover Crop - Adaptive Management	Ea	\$2,385.75
340	Cover Crop	Cover Crop - Basic (Organic and Non-organic)	ac	\$66.03
340	Cover Crop	HU-Cover Crop - Basic (Organic and Non-organic)	ac	\$79.23
340	Cover Crop	Cover Crop - Basic Organic	ac	\$80.25
340	Cover Crop	HU-Cover Crop - Basic Organic	ac	\$96.30

Code	Practice	Component	Units	Unit Cost
340	Cover Crop	Cover Crop - Multiple Species (Organic and Non-organic)	ac	\$76.74
340	Cover Crop	HU-Cover Crop - Multiple Species (Organic and Non-organic)	ac	\$92.09
342	Critical Area Planting	Native or Introduced Vegetation - Heavy Grading (Organic and Non-Organic)	ac	\$908.33
342	Critical Area Planting	HU-Native or Introduced Vegetation - Heavy Grading (Organic and Non-Organic)	ac	\$1,090.00
342	Critical Area Planting	Native or Introduced Vegetation - Moderate Grading (Organic and Non-Organic)	ac	\$581.63
342	Critical Area Planting	HU-Native or Introduced Vegetation - Moderate Grading (Organic and Non-Organic)	ac	\$697.95
342	Critical Area Planting	Native or Introduced Vegetation - Normal Tillage (Organic and Non-Organic)	ac	\$260.88
342	Critical Area Planting	HU-Native or Introduced Vegetation - Normal Tillage (Organic and Non-Organic)	ac	\$313.06
350	Sediment Basin	Embankment earthen basin with pipe	CuYd	\$4.27
350	Sediment Basin	HU-Embankment earthen basin with pipe	CuYd	\$5.12
350	Sediment Basin	Excavated volume	CuYd	\$2.11
350	Sediment Basin	HU-Excavated volume	CuYd	\$2.53
351	Well Decommissioning	Drilled well less than 300 ft deep	ft	\$3.11
351	Well Decommissioning	HU-Drilled well less than 300 ft deep	ft	\$3.73
351	Well Decommissioning	Hand dug Well	ft	\$21.48
351	Well Decommissioning	HU-Hand dug Well	ft	\$25.78
355	Groundwater Testing	Basic Water Test	Ea	\$41.78
355	Groundwater Testing	HU-Basic Water Test	Ea	\$50.13
355	Groundwater Testing	Full Spectrum Test	Ea	\$208.83
355	Groundwater Testing	HU-Full Spectrum Test	Ea	\$250.60
355	Groundwater Testing	Specialty Water Test	Ea	\$171.12
355	Groundwater Testing	HU-Specialty Water Test	Ea	\$205.34
360	Waste Facility Closure	Demolition of Concrete Waste Storage Structure	cu ft	\$2.79
360	Waste Facility Closure	HU-Demolition of Concrete Waste Storage Structure	cu ft	\$3.34
360	Waste Facility Closure	Liquid Waste Impoundment Closure with 75% Liquids and 25% Solids	cu ft	\$0.20
360	Waste Facility Closure	HU-Liquid Waste Impoundment Closure with 75% Liquids and 25% Solids	cu ft	\$0.24
362	Diversion	Diversion, large, greater than 300 feet	ft	\$4.27
362	Diversion	HU-Diversion, large, greater than 300 feet	ft	\$5.08
362	Diversion	Diversion, Rebuild	ft	\$3.00
362	Diversion	HU-Diversion, Rebuild	ft	\$3.60
362	Diversion	Diversion, small, less than or equal to 300 feet	ft	\$5.44

Code	Practice	Component	Units	Unit Cost
362	Diversion	HU-Diversion, small, less than or equal to 300 feet	ft	\$6.48
366	Anaerobic Digester	Covered Lagoon/Holding Pond	ani unt	\$82.83
366	Anaerobic Digester	HU-Covered Lagoon/Holding Pond	ani unt	\$99.39
366	Anaerobic Digester	Large Plug Flow greater than 2000 AU	ani unt	\$667.74
366	Anaerobic Digester	HU-Large Plug Flow greater than 2000 AU	ani unt	\$801.29
366	Anaerobic Digester	Medium Complete Mix 1000-2500 AU	ani unt	\$525.84
366	Anaerobic Digester	HU-Medium Complete Mix 1000-2500 AU	ani unt	\$631.01
366	Anaerobic Digester	Medium Plug Flow 1000-2000 AU	ani unt	\$786.29
366	Anaerobic Digester	HU-Medium Plug Flow 1000-2000 AU	ani unt	\$943.55
366	Anaerobic Digester	Small Complete Mix <1000 AU	ani unt	\$548.24
366	Anaerobic Digester	HU-Small Complete Mix <1000 AU	ani unt	\$657.89
366	Anaerobic Digester	Small Plug Flow less than 1000 AU	ani unt	\$1,008.19
366	Anaerobic Digester	HU-Small Plug Flow less than 1000 AU	ani unt	\$1,209.83
367	Roofs and Covers	Flexible Membrane Cover, 20,001 to 80,000 SF pond surface area	sq ft	\$2.72
367	Roofs and Covers	HU-Flexible Membrane Cover, 20,001 to 80,000 SF pond surface area	sq ft	\$3.26
367	Roofs and Covers	Flexible Membrane Cover, 20000 or less SF pond surface area	sq ft	\$5.93
367	Roofs and Covers	HU-Flexible Membrane Cover, 20000 or less SF pond surface area	sq ft	\$7.11
367	Roofs and Covers	Flexible Membrane Cover, 80001 or greater pond surface area	sq ft	\$2.55
367	Roofs and Covers	HU-Flexible Membrane Cover, 80001 or greater pond surface area	sq ft	\$3.07
367	Roofs and Covers	Flexible Roof	sq ft	\$5.11
367	Roofs and Covers	HU-Flexible Roof	sq ft	\$6.14
367	Roofs and Covers	Flexible Roof, complex foundation	sq ft	\$6.43
367	Roofs and Covers	HU-Flexible Roof, complex foundation	sq ft	\$7.72
367	Roofs and Covers	Permeable Composite or Inorganic Cover	sq ft	\$5.96
367	Roofs and Covers	HU-Permeable Composite or Inorganic Cover	sq ft	\$7.15
367	Roofs and Covers	Steel Frame with Roof	sq ft	\$6.09
367	Roofs and Covers	HU-Steel Frame with Roof	sq ft	\$7.31
367	Roofs and Covers	Timber Frame Roof	sq ft	\$6.53
367	Roofs and Covers	HU-Timber Frame Roof	sq ft	\$7.84
367	Roofs and Covers	Timber Frame Roof, Complex found, Heavy Snow/High wind	sq ft	\$9.30
367	Roofs and Covers	HU-Timber Frame Roof, Complex found, Heavy Snow/High wind	sq ft	\$11.16

Code	Practice	Component	Units	Unit Cost
367	Roofs and Covers	Timber Frame Roof, complex foundation	sq ft	\$7.36
367	Roofs and Covers	HU-Timber Frame Roof, complex foundation	sq ft	\$8.83
367	Roofs and Covers	Timber Frame Roof, Heavy Snow/High Wind	sq ft	\$8.47
367	Roofs and Covers	HU-Timber Frame Roof, Heavy Snow/High Wind	sq ft	\$10.16
367	Roofs and Covers	Timber Frame Roof, over small bins	sq ft	\$9.85
367	Roofs and Covers	HU-Timber Frame Roof, over small bins	sq ft	\$11.81
374	FARMSTEAD ENERGY IMPROVEMENT	Automatic Controller System	Ea	\$1,180.38
374	FARMSTEAD ENERGY IMPROVEMENT	HU-Automatic Controller System	Ea	\$1,416.45
374	FARMSTEAD ENERGY IMPROVEMENT	Enhanced preheater, large	sq ft	\$176.94
374	FARMSTEAD ENERGY IMPROVEMENT	HU-Enhanced preheater, large	sq ft	\$212.33
374	FARMSTEAD ENERGY IMPROVEMENT	Enhanced preheater, small	sq ft	\$320.34
374	FARMSTEAD ENERGY IMPROVEMENT	HU-Enhanced preheater, small	sq ft	\$384.41
374	FARMSTEAD ENERGY IMPROVEMENT	Grain Dryer	Bu/Hr	\$74.89
374	FARMSTEAD ENERGY IMPROVEMENT	HU-Grain Dryer	Bu/Hr	\$89.87
374	FARMSTEAD ENERGY IMPROVEMENT	Heating - Attic Heat Recovery vents	Ea	\$127.48
374	FARMSTEAD ENERGY IMPROVEMENT	HU-Heating - Attic Heat Recovery vents	Ea	\$152.98
374	FARMSTEAD ENERGY IMPROVEMENT	Heating - Radiant Tube	Ea	\$1,222.70
374	FARMSTEAD ENERGY IMPROVEMENT	HU-Heating - Radiant Tube	Ea	\$1,467.23
374	FARMSTEAD ENERGY IMPROVEMENT	Heating (Building)	kBTU/Hr	\$9.90
374	FARMSTEAD ENERGY IMPROVEMENT	HU-Heating (Building)	kBTU/Hr	\$11.88
374	FARMSTEAD ENERGY IMPROVEMENT	High Efficiency arch < 1000 taps	Ea	\$1,678.54
374	FARMSTEAD ENERGY IMPROVEMENT	HU-High Efficiency arch < 1000 taps	Ea	\$2,014.24
374	FARMSTEAD ENERGY IMPROVEMENT	High Efficiency arch >= 1000 taps	Ea	\$13,166.27
374	FARMSTEAD ENERGY IMPROVEMENT	HU-High Efficiency arch >= 1000 taps	Ea	\$15,799.53
374	FARMSTEAD ENERGY IMPROVEMENT	High Efficiency Pans >=1000 taps	Ea	\$13,055.89
374	FARMSTEAD ENERGY IMPROVEMENT	HU-High Efficiency Pans >=1000 taps	Ea	\$15,667.07
374	FARMSTEAD ENERGY IMPROVEMENT	High Efficiency Pans for < 1000 taps	Ea	\$3,529.48
374	FARMSTEAD ENERGY IMPROVEMENT	HU-High Efficiency Pans for < 1000 taps	Ea	\$4,235.37
374	FARMSTEAD ENERGY IMPROVEMENT	Motor Upgrade <= 1 HP	Ea	\$478.79
374	FARMSTEAD ENERGY IMPROVEMENT	HU-Motor Upgrade <= 1 HP	Ea	\$574.55
374	FARMSTEAD ENERGY IMPROVEMENT	Motor Upgrade > 1 and < 10 HP	Ea	\$715.27

Code	Practice	Component	Units	Unit Cost
374	FARMSTEAD ENERGY IMPROVEMENT	HU-Motor Upgrade > 1 and < 10 HP	Ea	\$858.32
374	FARMSTEAD ENERGY IMPROVEMENT	Motor Upgrade 10 - 100 HP	Ea	\$5,085.64
374	FARMSTEAD ENERGY IMPROVEMENT	HU-Motor Upgrade 10 - 100 HP	Ea	\$6,102.77
374	FARMSTEAD ENERGY IMPROVEMENT	Plate Cooler-Ig	Ea	\$5,427.16
374	FARMSTEAD ENERGY IMPROVEMENT	HU-Plate Cooler-Ig	Ea	\$6,512.60
374	FARMSTEAD ENERGY IMPROVEMENT	Refrig-Plate Cooler-Med	Ea	\$4,682.16
374	FARMSTEAD ENERGY IMPROVEMENT	HU-Refrig-Plate Cooler-Med	Ea	\$5,618.59
374	FARMSTEAD ENERGY IMPROVEMENT	Refrig-Plate Cooler-Small	Ea	\$3,975.65
374	FARMSTEAD ENERGY IMPROVEMENT	HU-Refrig-Plate Cooler-Small	Ea	\$4,770.78
374	FARMSTEAD ENERGY IMPROVEMENT	RO >600 GPH or add on	Gal/Hr	\$15.03
374	FARMSTEAD ENERGY IMPROVEMENT	HU-RO >600 GPH or add on	Gal/Hr	\$18.04
374	FARMSTEAD ENERGY IMPROVEMENT	RO<=200 GPH	Gal/Hr	\$26.72
374	FARMSTEAD ENERGY IMPROVEMENT	HU-RO<=200 GPH	Gal/Hr	\$32.07
374	FARMSTEAD ENERGY IMPROVEMENT	RO>200-600 GPH	Gal/Hr	\$17.68
374	FARMSTEAD ENERGY IMPROVEMENT	HU-RO>200-600 GPH	Gal/Hr	\$21.22
374	FARMSTEAD ENERGY IMPROVEMENT	Scroll Compressor	Ea	\$3,326.18
374	FARMSTEAD ENERGY IMPROVEMENT	HU-Scroll Compressor	Ea	\$3,991.42
374	FARMSTEAD ENERGY IMPROVEMENT	Tunnel Door	sq ft	\$9.05
374	FARMSTEAD ENERGY IMPROVEMENT	HU-Tunnel Door	sq ft	\$10.86
374	FARMSTEAD ENERGY IMPROVEMENT	Variable Speed Drive, no motor	HP	\$189.98
374	FARMSTEAD ENERGY IMPROVEMENT	HU-Variable Speed Drive, no motor	HP	\$227.98
374	FARMSTEAD ENERGY IMPROVEMENT	Ventilation - Exhaust	Ea	\$1,116.31
374	FARMSTEAD ENERGY IMPROVEMENT	HU-Ventilation - Exhaust	Ea	\$1,339.58
374	FARMSTEAD ENERGY IMPROVEMENT	Ventilation - HAF	Ea	\$172.59
374	FARMSTEAD ENERGY IMPROVEMENT	HU-Ventilation - HAF	Ea	\$207.11
374	FARMSTEAD ENERGY IMPROVEMENT	Water Heater	Ea	\$2,569.97
374	FARMSTEAD ENERGY IMPROVEMENT	HU-Water Heater	Ea	\$3,083.96
378	Pond	Embankment Pond with Pipe	CuYd	\$6.05
378	Pond	HU-Embankment Pond with Pipe	CuYd	\$7.26
378	Pond	Excavated, all spoil	CuYd	\$1.85
378	Pond	HU-Excavated, all spoil	CuYd	\$2.22

Code	Practice	Component	Units	Unit Cost
378	Pond	Excavated, embankment less than 3 ft	CuYd	\$2.96
378	Pond	HU-Excavated, embankment less than 3 ft	CuYd	\$3.55
380	Windbreak/Shelterbelt Establishment	1 row windbreak, conifers, hand planted	ft	\$0.43
380	Windbreak/Shelterbelt Establishment	HU-1 row windbreak, conifers, hand planted	ft	\$0.51
380	Windbreak/Shelterbelt Establishment	1 row windbreak, hardwood, hand planted	ft	\$1.02
380	Windbreak/Shelterbelt Establishment	HU-1 row windbreak, hardwood, hand planted	ft	\$1.22
380	Windbreak/Shelterbelt Establishment	2-row windbreak, conifers	ft	\$0.76
380	Windbreak/Shelterbelt Establishment	HU-2-row windbreak, conifers	ft	\$0.91
380	Windbreak/Shelterbelt Establishment	2-row windbreak, hardwoods	ft	\$0.73
380	Windbreak/Shelterbelt Establishment	HU-2-row windbreak, hardwoods	ft	\$0.87
380	Windbreak/Shelterbelt Establishment	3 or more tree rows hardwood/conifers	ft	\$0.91
380	Windbreak/Shelterbelt Establishment	HU-3 or more tree rows hardwood/conifers	ft	\$1.09
380	Windbreak/Shelterbelt Establishment	3 or more row windbreak, hardwoods	ft	\$1.06
380	Windbreak/Shelterbelt Establishment	HU-3 or more row windbreak, hardwoods	ft	\$1.27
380	Windbreak/Shelterbelt Establishment	Multi-row Tree/shrub, containerized stock	ft	\$3.90
380	Windbreak/Shelterbelt Establishment	HU-Multi-row Tree/shrub, containerized stock	ft	\$4.68
380	Windbreak/Shelterbelt Establishment	Single row of tree and shrub planting with tree tubelings	ft	\$1.53
380	Windbreak/Shelterbelt Establishment	HU-Single row of tree and shrub planting with tree tubelings	ft	\$1.83
380	Windbreak/Shelterbelt Establishment	windbreak, poultry house	Ea	\$9.66
380	Windbreak/Shelterbelt Establishment	HU-windbreak, poultry house	Ea	\$11.59
382	Fence	Barbed or Smooth Wire	ft	\$1.46
382	Fence	HU-Barbed or Smooth Wire	ft	\$1.75
382	Fence	Chain Link	ft	\$11.61
382	Fence	HU-Chain Link	ft	\$13.94
382	Fence	Electric - 4 or more strands	ft	\$1.96
382	Fence	HU-Electric - 4 or more strands	ft	\$2.35
382	Fence	Electric 2 strand	ft	\$1.21
382	Fence	HU-Electric 2 strand	ft	\$1.45
382	Fence	Electric 3 strand	ft	\$1.55
382	Fence	HU-Electric 3 strand	ft	\$1.86
382	Fence	Exclusion Fence	ft	\$3.65

Code	Practice	Component	Units	Unit Cost
382	Fence	HU-Exclusion Fence	ft	\$4.38
382	Fence	Woven Wire	ft	\$2.51
382	Fence	HU-Woven Wire	ft	\$3.01
386	Field Border	Field Border, Introduced Species	ac	\$71.31
386	Field Border	HU-Field Border, Introduced Species	ac	\$85.57
386	Field Border	Field Border, Native Species	ac	\$98.03
386	Field Border	HU-Field Border, Native Species	ac	\$117.64
386	Field Border	Field Border, Pollinator	ac	\$760.71
386	Field Border	HU-Field Border, Pollinator	ac	\$912.85
386	Field Border	Field Border, Pollinator, Forgone Income	ac	\$1,136.02
386	Field Border	HU-Field Border, Pollinator, Forgone Income	ac	\$1,288.16
386	Field Border	Field Border, Shrubs with Shelters	ac	\$1,618.35
386	Field Border	HU-Field Border, Shrubs with Shelters	ac	\$1,942.02
390	Riparian Herbaceous Cover	Native Seeding, Cropland	ac	\$1,518.44
390	Riparian Herbaceous Cover	HU-Native Seeding, Cropland	ac	\$1,751.76
390	Riparian Herbaceous Cover	Native Seeding, Pasture	ac	\$1,310.54
390	Riparian Herbaceous Cover	HU-Native Seeding, Pasture	ac	\$1,543.86
391	Riparian Forest Buffer	Bareroot, machine planted, with tree tubes	ac	\$3,176.33
391	Riparian Forest Buffer	HU-Bareroot, machine planted, with tree tubes	ac	\$3,741.23
391	Riparian Forest Buffer	Large container, hand planted	ac	\$5,119.73
391	Riparian Forest Buffer	HU-Large container, hand planted	ac	\$5,932.58
391	Riparian Forest Buffer	Small container, hand planted	ac	\$2,621.94
391	Riparian Forest Buffer	HU-Small container, hand planted	ac	\$3,075.97
393	Filter Strip	Filter Strip, Introduced species	ac	\$144.35
393	Filter Strip	HU-Filter Strip, Introduced species	ac	\$173.23
393	Filter Strip	Filter Strip, Native species	ac	\$134.19
393	Filter Strip	HU-Filter Strip, Native species	ac	\$161.03
394	Firebreak	Constructed - Light Equipment	ft	\$0.03
394	Firebreak	HU-Constructed - Light Equipment	ft	\$0.04
394	Firebreak	Constructed - Medium equipment, flat-medium slopes	ft	\$0.42
394	Firebreak	HU-Constructed - Medium equipment, flat-medium slopes	ft	\$0.50

Code	Practice	Component	Units	Unit Cost
394	Firebreak	Constructed - Medium equipment, steep slopes	ft	\$1.20
394	Firebreak	HU-Constructed - Medium equipment, steep slopes	ft	\$1.44
394	Firebreak	Constructed - Wide, bladed or disked firebreak	ft	\$3.09
394	Firebreak	HU-Constructed - Wide, bladed or disked firebreak	ft	\$3.70
394	Firebreak	Vegetated permanent firebreak	ft	\$0.23
394	Firebreak	HU-Vegetated permanent firebreak	ft	\$0.28
395	Stream Habitat Improvement and Management	Cribbing Mudsill 10 section	Ea	\$935.65
395	Stream Habitat Improvement and Management	HU-Cribbing Mudsill 10 section	Ea	\$1,122.78
395	Stream Habitat Improvement and Management	Cross Vane Rock or Rock/log	Ea	\$3,067.26
395	Stream Habitat Improvement and Management	HU-Cross Vane Rock or Rock/log	Ea	\$3,680.72
395	Stream Habitat Improvement and Management	Defector Group of 3 Root Wads	Ea	\$2,084.32
395	Stream Habitat Improvement and Management	HU-Defector Group of 3 Root Wads	Ea	\$2,501.19
395	Stream Habitat Improvement and Management	Deflector, Rock <= 80 ton	Ea	\$3,093.17
395	Stream Habitat Improvement and Management	HU-Deflector, Rock <= 80 ton	Ea	\$3,711.81
395	Stream Habitat Improvement and Management	Deflector, Rock > 80 ton	Ea	\$4,599.34
395	Stream Habitat Improvement and Management	HU-Deflector, Rock > 80 ton	Ea	\$5,519.21
395	Stream Habitat Improvement and Management	Midstream Structure - 10 Boulders or 3 mid str log structures	Ea	\$709.49
395	Stream Habitat Improvement and Management	HU-Midstream Structure - 10 Boulders or 3 mid str log structures	Ea	\$851.39
396	Aquatic Organism Passage	Blockage Removal	CuYd	\$86.80
396	Aquatic Organism Passage	HU-Blockage Removal	CuYd	\$104.16
396	Aquatic Organism Passage	Bottomless Culvert	Ea	\$38,317.99
396	Aquatic Organism Passage	HU-Bottomless Culvert	Ea	\$45,981.59
396	Aquatic Organism Passage	CMP Culvert	Ea	\$25,714.94
396	Aquatic Organism Passage	HU-CMP Culvert	Ea	\$30,857.93
396	Aquatic Organism Passage	Concrete Box Culvert	Ea	\$44,392.14
396	Aquatic Organism Passage	HU-Concrete Box Culvert	Ea	\$53,270.57
396	Aquatic Organism Passage	Concrete Dam Removal	CuYd	\$126.11
396	Aquatic Organism Passage	HU-Concrete Dam Removal	CuYd	\$151.34
396	Aquatic Organism Passage	Earthen Dam Removal	CuYd	\$54.88
396	Aquatic Organism Passage	HU-Earthen Dam Removal	CuYd	\$65.86
410	Grade Stabilization Structure	Check Dams	ton	\$48.44

Code	Practice	Component	Units	Unit Cost
410	Grade Stabilization Structure	HU-Check Dams	ton	\$58.13
410	Grade Stabilization Structure	Pipe Drop, Plastic	sq ft	\$20.48
410	Grade Stabilization Structure	HU-Pipe Drop, Plastic	sq ft	\$24.58
410	Grade Stabilization Structure	Pipe Drop, Steel	sq ft	\$11.86
410	Grade Stabilization Structure	HU-Pipe Drop, Steel	sq ft	\$14.23
410	Grade Stabilization Structure	Rock Drop Structures	sq ft	\$59.37
410	Grade Stabilization Structure	HU-Rock Drop Structures	sq ft	\$71.24
410	Grade Stabilization Structure	Weir Drop Structures	sq ft	\$74.55
410	Grade Stabilization Structure	HU-Weir Drop Structures	sq ft	\$89.45
412	Grassed Waterway	Waterway, small, 0.2 Acres or less	sq ft	\$0.13
412	Grassed Waterway	HU-Waterway, small, 0.2 Acres or less	sq ft	\$0.15
412	Grassed Waterway	Waterway, over 0.2 acres	ac	\$3,977.98
412	Grassed Waterway	HU-Waterway, over 0.2 acres	ac	\$4,703.21
422	Hedgerow Planting	Contour Introduced	ft	\$0.54
422	Hedgerow Planting	HU-Contour Introduced	ft	\$0.65
422	Hedgerow Planting	Contour Native	ft	\$0.72
422	Hedgerow Planting	HU-Contour Native	ft	\$0.86
422	Hedgerow Planting	Pollinator Habitat	ft	\$1.80
422	Hedgerow Planting	HU-Pollinator Habitat	ft	\$2.16
422	Hedgerow Planting	Wildlife, Handplanted Trees and Shrubs with Cool Season Grass	ft	\$0.50
422	Hedgerow Planting	HU-Wildlife, Handplanted Trees and Shrubs with Cool Season Grass	ft	\$0.59
422	Hedgerow Planting	Wildlife, Handplanted Trees and Shrubs with Warm Season Grass	ft	\$0.72
422	Hedgerow Planting	HU-Wildlife, Handplanted Trees and Shrubs with Warm Season Grass	ft	\$0.86
430	Irrigation Pipeline	HDPE (Iron Pipe Size & Tubing) 10 inch	ft	\$18.39
430	Irrigation Pipeline	HU-HDPE (Iron Pipe Size & Tubing) 10 inch	ft	\$22.07
430	Irrigation Pipeline	HDPE (Iron Pipe Size & Tubing) 12 Inches	LnFt	\$23.77
430	Irrigation Pipeline	HU-HDPE (Iron Pipe Size & Tubing) 12 Inches	LnFt	\$28.53
430	Irrigation Pipeline	HDPE (Iron Pipe Size & Tubing) 3 inch or less	ft	\$3.32
430	Irrigation Pipeline	HU-HDPE (Iron Pipe Size & Tubing) 3 inch or less	ft	\$3.98
430	Irrigation Pipeline	HDPE (Iron Pipe Size & Tubing) 4 Inches	LnFt	\$4.68
430	Irrigation Pipeline	HU-HDPE (Iron Pipe Size & Tubing) 4 Inches	LnFt	\$5.62

Code	Practice	Component	Units	Unit Cost
430	Irrigation Pipeline	HDPE (Iron Pipe Size & Tubing) 6 inches	ft	\$7.42
430	Irrigation Pipeline	HU-HDPE (Iron Pipe Size & Tubing) 6 inches	ft	\$8.90
430	Irrigation Pipeline	HDPE (Iron Pipe Size and Tubing) 8 Inches	LnFt	\$11.60
430	Irrigation Pipeline	HU-HDPE (Iron Pipe Size and Tubing) 8 Inches	LnFt	\$13.92
430	Irrigation Pipeline	PVC (Iron Pipe Size) 10 inches or greater	ft	\$17.17
430	Irrigation Pipeline	HU-PVC (Iron Pipe Size) 10 inches or greater	ft	\$20.60
430	Irrigation Pipeline	PVC (Iron Pipe Size) 6 inches to 8 inches	LnFt	\$11.18
430	Irrigation Pipeline	HU-PVC (Iron Pipe Size) 6 inches to 8 inches	LnFt	\$13.41
430	Irrigation Pipeline	PVC (Iron Pipe Size) 8 Inches	LnFt	\$10.86
430	Irrigation Pipeline	HU-PVC (Iron Pipe Size) 8 Inches	LnFt	\$13.03
430	Irrigation Pipeline	PVC (Iron Pipe Size), 4 inches or less	ft	\$4.08
430	Irrigation Pipeline	HU-PVC (Iron Pipe Size), 4 inches or less	ft	\$4.89
436	Irrigation Reservoir	Embankment Reservoir > 30 Acre-Feet	CuYd	\$3.57
436	Irrigation Reservoir	HU-Embankment Reservoir > 30 Acre-Feet	CuYd	\$4.28
436	Irrigation Reservoir	Embankment Reservoir 30 or less Acre-Feet	CuYd	\$3.55
436	Irrigation Reservoir	HU-Embankment Reservoir 30 or less Acre-Feet	CuYd	\$4.26
436	Irrigation Reservoir	Fiberglass Tank	gal	\$0.87
436	Irrigation Reservoir	HU-Fiberglass Tank	gal	\$1.05
436	Irrigation Reservoir	Plastic Tank	gal	\$1.42
436	Irrigation Reservoir	HU-Plastic Tank	gal	\$1.70
436	Irrigation Reservoir	Steel Tank	gal	\$1.14
436	Irrigation Reservoir	HU-Steel Tank	gal	\$1.37
441	Irrigation System, Microirrigation	Microjet	ac	\$2,331.63
441	Irrigation System, Microirrigation	HU-Microjet	ac	\$2,797.95
441	Irrigation System, Microirrigation	Microjet Filtered	ac	\$2,933.25
441	Irrigation System, Microirrigation	HU-Microjet Filtered	ac	\$3,519.90
441	Irrigation System, Microirrigation	Seasonal High Tunnel Micro Irrigation System	sq ft	\$0.07
441	Irrigation System, Microirrigation	HU-Seasonal High Tunnel Micro Irrigation System	sq ft	\$0.09
441	Irrigation System, Microirrigation	Surface PE Perennial Crops	ac	\$1,832.44
441	Irrigation System, Microirrigation	HU-Surface PE Perennial Crops	ac	\$2,198.92
441	Irrigation System, Microirrigation	Surface PE Perennial Crops, filtered, no flow meter	ac	\$2,178.84

Code	Practice	Component	Units	Unit Cost
441	Irrigation System, Microirrigation	HU-Surface PE Perennial Crops, filtered, no flow meter	ac	\$2,614.61
441	Irrigation System, Microirrigation	Surface PE Perennial Filtered	ac	\$2,434.06
441	Irrigation System, Microirrigation	HU-Surface PE Perennial Filtered	ac	\$2,920.87
441	Irrigation System, Microirrigation	Surface Tape Annual Crops	ac	\$403.50
441	Irrigation System, Microirrigation	HU-Surface Tape Annual Crops	ac	\$484.20
441	Irrigation System, Microirrigation	Surface Tape Annual Filtered	ac	\$1,205.67
441	Irrigation System, Microirrigation	HU-Surface Tape Annual Filtered	ac	\$1,446.80
441	Irrigation System, Microirrigation	Surface Tape Annual Filtered, no Flow Meter	ac	\$1,096.32
441	Irrigation System, Microirrigation	HU-Surface Tape Annual Filtered, no Flow Meter	ac	\$1,315.58
442	Sprinkler System	Center Pivot System	ft	\$63.40
442	Sprinkler System	HU-Center Pivot System	ft	\$76.08
442	Sprinkler System	Linear Move System	ft	\$78.31
442	Sprinkler System	HU-Linear Move System	ft	\$93.97
442	Sprinkler System	Pivoting Linear Move	ft	\$90.46
442	Sprinkler System	HU-Pivoting Linear Move	ft	\$108.56
442	Sprinkler System	Renovation of Existing Sprinkler System	ft	\$9.72
442	Sprinkler System	HU-Renovation of Existing Sprinkler System	ft	\$11.67
442	Sprinkler System	Traveling gun <2 inch	Ea	\$9,193.01
442	Sprinkler System	HU-Traveling gun <2 inch	Ea	\$11,031.61
442	Sprinkler System	Traveling Gun, 2 inch or >	Ea	\$18,027.77
442	Sprinkler System	HU-Traveling Gun, 2 inch or >	Ea	\$21,633.32
449	Irrigation Water Management	Annual Crops, Vegetables, 1st Year	ac	\$49.91
449	Irrigation Water Management	HU-Annual Crops, Vegetables, 1st Year	ac	\$59.89
449	Irrigation Water Management	Annual Crops, Vegetables, 2nd and 3rd Year	ac	\$27.29
449	Irrigation Water Management	HU-Annual Crops, Vegetables, 2nd and 3rd Year	ac	\$32.75
449	Irrigation Water Management	Basic IWM 30 acres or less	ac	\$22.27
449	Irrigation Water Management	HU-Basic IWM 30 acres or less	ac	\$26.72
449	Irrigation Water Management	Basic IWM over 30 acres	ac	\$12.08
449	Irrigation Water Management	HU-Basic IWM over 30 acres	ac	\$14.50
449	Irrigation Water Management	Field Crops, Grains, 1st Year	ac	\$13.65
449	Irrigation Water Management	HU-Field Crops, Grains, 1st Year	ac	\$16.39

Code	Practice	Component	Units	Unit Cost
449	Irrigation Water Management	Field Crops, Grains, 2nd and 3rd Year	ac	\$7.00
449	Irrigation Water Management	HU-Field Crops, Grains, 2nd and 3rd Year	ac	\$8.40
449	Irrigation Water Management	Perennial Crops, Orchards, 1st Year	ac	\$58.62
449	Irrigation Water Management	HU-Perennial Crops, Orchards, 1st Year	ac	\$70.34
449	Irrigation Water Management	Perennial Crops, Orchards, 2nd and 3rd Year	ac	\$36.00
449	Irrigation Water Management	HU-Perennial Crops, Orchards, 2nd and 3rd Year	ac	\$43.20
457	Mine Shaft and Adit Closing	Horizontal Shaft -Bat Grating	sq ft	\$72.56
457	Mine Shaft and Adit Closing	HU-Horizontal Shaft -Bat Grating	sq ft	\$87.07
468	Lined Waterway or Outlet	Grassed waterway with stone center	sq ft	\$2.89
468	Lined Waterway or Outlet	HU-Grassed waterway with stone center	sq ft	\$3.47
468	Lined Waterway or Outlet	Rock Lined - 12 inch	sq ft	\$3.90
468	Lined Waterway or Outlet	HU-Rock Lined - 12 inch	sq ft	\$4.68
468	Lined Waterway or Outlet	Rock Lined - 24 inch	sq ft	\$6.59
468	Lined Waterway or Outlet	HU-Rock Lined - 24 inch	sq ft	\$7.91
468	Lined Waterway or Outlet	Turf Reinforced Matting	sq ft	\$0.62
468	Lined Waterway or Outlet	HU-Turf Reinforced Matting	sq ft	\$0.74
484	Mulching	Erosion Control Blanket	sq ft	\$0.14
484	Mulching	HU-Erosion Control Blanket	sq ft	\$0.17
484	Mulching	Natural Material - Full Coverage	ac	\$437.39
484	Mulching	HU-Natural Material - Full Coverage	ac	\$524.87
484	Mulching	Tree and Shrub	Ea	\$1.93
484	Mulching	HU-Tree and Shrub	Ea	\$2.32
490	Tree/Shrub Site Preparation	ARRI Spray and Cross Rip	ac	\$577.55
490	Tree/Shrub Site Preparation	HU-ARRI Spray and Cross Rip	ac	\$693.06
490	Tree/Shrub Site Preparation	Chemical, Ground Application	ac	\$167.91
490	Tree/Shrub Site Preparation	HU-Chemical, Ground Application	ac	\$201.50
490	Tree/Shrub Site Preparation	Chemical, Hand Application	ac	\$96.40
490	Tree/Shrub Site Preparation	HU-Chemical, Hand Application	ac	\$115.68
490	Tree/Shrub Site Preparation	Hand site preparation	ac	\$175.94
490	Tree/Shrub Site Preparation	HU-Hand site preparation	ac	\$211.13
490	Tree/Shrub Site Preparation	Mechanical, Heavy	ac	\$230.34

Code	Practice	Component	Units	Unit Cost
490	Tree/Shrub Site Preparation	HU-Mechanical, Heavy	ac	\$276.41
490	Tree/Shrub Site Preparation	Mechanical, Light	ac	\$75.18
490	Tree/Shrub Site Preparation	HU-Mechanical, Light	ac	\$90.22
490	Tree/Shrub Site Preparation	Windbreak, Site Preparation	ac	\$204.46
490	Tree/Shrub Site Preparation	HU-Windbreak, Site Preparation	ac	\$245.36
500	Obstruction Removal	Removal + Disposal of Steel or Concrete Structures < 25 feet high	sq ft	\$3.94
500	Obstruction Removal	HU-Removal + Disposal of Steel or Concrete Structures < 25 feet high	sq ft	\$4.73
500	Obstruction Removal	Removal and Disposal of Brush and Trees < 6 inch Diameter	ac	\$923.02
500	Obstruction Removal	HU-Removal and Disposal of Brush and Trees < 6 inch Diameter	ac	\$1,107.62
500	Obstruction Removal	Removal and Disposal of Brush and Trees > 6 inch Diameter	ac	\$1,835.44
500	Obstruction Removal	HU-Removal and Disposal of Brush and Trees > 6 inch Diameter	ac	\$2,202.53
500	Obstruction Removal	Rock blasting and disposal	CuYd	\$32.66
500	Obstruction Removal	HU-Rock blasting and disposal	CuYd	\$39.20
500	Obstruction Removal	Rock, Mechanical Destruction	CuYd	\$35.56
500	Obstruction Removal	HU-Rock, Mechanical Destruction	CuYd	\$42.67
512	Forage and Biomass Planting	Introduced Cool Season Grass Mix	ac	\$276.05
512	Forage and Biomass Planting	HU-Introduced Cool Season Grass Mix	ac	\$331.26
512	Forage and Biomass Planting	Native Perennial Grasses (1 species)	ac	\$274.23
512	Forage and Biomass Planting	HU-Native Perennial Grasses (1 species)	ac	\$329.08
512	Forage and Biomass Planting	Native Perennial Warm Season Grasses Mix	ac	\$382.82
512	Forage and Biomass Planting	HU-Native Perennial Warm Season Grasses Mix	ac	\$459.38
512	Forage and Biomass Planting	Untreated Conventional Seed, WSG Mix	ac	\$377.75
512	Forage and Biomass Planting	HU-Untreated Conventional Seed, WSG Mix	ac	\$453.30
512	Forage and Biomass Planting	Untreated Conventional Seed, WSG, 1 species	ac	\$224.36
512	Forage and Biomass Planting	HU-Untreated Conventional Seed, WSG, 1 species	ac	\$269.23
516	Livestock Pipeline	2 inches or less buried by LF	ft	\$2.30
516	Livestock Pipeline	HU-2 inches or less buried by LF	ft	\$2.76
516	Livestock Pipeline	2 inches or less on surface by LF	ft	\$0.75
516	Livestock Pipeline	HU-2 inches or less on surface by LF	ft	\$0.91
516	Livestock Pipeline	Boring, Pipeline, All sizes	ft	\$88.54
516	Livestock Pipeline	HU-Boring, Pipeline, All sizes	ft	\$106.25

Code	Practice	Component	Units	Unit Cost
516	Livestock Pipeline	Over 2 inches, buried by LF	ft	\$4.46
516	Livestock Pipeline	HU-Over 2 inches, buried by LF	ft	\$5.35
520	Pond Sealing or Lining, Compacted Soil Treatment	Bentonite Treatment - Uncovered	CuYd	\$54.61
520	Pond Sealing or Lining, Compacted Soil Treatment	HU-Bentonite Treatment - Uncovered	CuYd	\$65.53
520	Pond Sealing or Lining, Compacted Soil Treatment	Material haul < 1 mile	CuYd	\$9.24
520	Pond Sealing or Lining, Compacted Soil Treatment	HU-Material haul < 1 mile	CuYd	\$11.09
520	Pond Sealing or Lining, Compacted Soil Treatment	Soil Dispersant - Uncovered	CuYd	\$5.54
520	Pond Sealing or Lining, Compacted Soil Treatment	HU-Soil Dispersant - Uncovered	CuYd	\$6.65
522	Pond Sealing or Lining, Concrete	Concrete liner, non-reinforced	cu ft	\$0.36
522	Pond Sealing or Lining, Concrete	HU-Concrete liner, non-reinforced	cu ft	\$0.43
522	Pond Sealing or Lining, Concrete	Concrete liner, reinforced	cu ft	\$0.76
522	Pond Sealing or Lining, Concrete	HU-Concrete liner, reinforced	cu ft	\$0.92
527	Karst Sinkhole Treatment	Reverse Filter, CY	CuYd	\$97.84
527	Karst Sinkhole Treatment	HU-Reverse Filter, CY	CuYd	\$117.41
527	Karst Sinkhole Treatment	Reverse Filter, SF	sq ft	\$7.48
527	Karst Sinkhole Treatment	HU-Reverse Filter, SF	sq ft	\$8.98
528	Prescribed Grazing	Pasture Intensive - Paddock Residency less than 3 days	ac	\$50.59
528	Prescribed Grazing	HU-Pasture Intensive - Paddock Residency less than 3 days	ac	\$60.71
528	Prescribed Grazing	Pasture Standard, Paddock Residency 3 or more days	ac	\$23.54
528	Prescribed Grazing	HU-Pasture Standard, Paddock Residency 3 or more days	ac	\$28.25
528	Prescribed Grazing	Targeted Grazing	ac	\$290.39
528	Prescribed Grazing	HU-Targeted Grazing	ac	\$348.46
533	Pumping Plant	<50gpm Irrg PTO pump	Ea	\$600.09
533	Pumping Plant	HU-<50gpm Irrg PTO pump	Ea	\$720.10
533	Pumping Plant	>500 gpm PTO Pump	Ea	\$7,463.81
533	Pumping Plant	HU->500 gpm PTO Pump	Ea	\$8,956.58
533	Pumping Plant	1 hp pump or Siphon or Flout	Ea	\$872.26
533	Pumping Plant	HU-1 hp pump or Siphon or Flout	Ea	\$1,046.72
533	Pumping Plant	50 to 500 gpm PTO Pump	Ea	\$3,128.94
533	Pumping Plant	HU-50 to 500 gpm PTO Pump	Ea	\$3,754.73
533	Pumping Plant	Booster Pump for Waste Transfer	Ea	\$8,624.65

Code	Practice	Component	Units	Unit Cost
533	Pumping Plant	HU-Booster Pump for Waste Transfer	Ea	\$10,349.58
533	Pumping Plant	Electric or Ram Manure Pump	Ea	\$7,525.53
533	Pumping Plant	HU-Electric or Ram Manure Pump	Ea	\$9,030.63
533	Pumping Plant	Electric Powered Pump 10 to 40 HP	Ea	\$6,541.39
533	Pumping Plant	HU-Electric Powered Pump 10 to 40 HP	Ea	\$7,849.67
533	Pumping Plant	Electric Powered Pump 3 Hp or less	Ea	\$1,362.24
533	Pumping Plant	HU-Electric Powered Pump 3 Hp or less	Ea	\$1,634.69
533	Pumping Plant	Electric Powered Pump 3 HP or less with Pressure Tank	Ea	\$1,988.80
533	Pumping Plant	HU-Electric Powered Pump 3 HP or less with Pressure Tank	Ea	\$2,386.56
533	Pumping Plant	Electric Powered Pump 3 Hp or less with pressure tank and pump housing	Ea	\$5,091.27
533	Pumping Plant	HU-Electric Powered Pump 3 Hp or less with pressure tank and pump housing	Ea	\$6,109.52
533	Pumping Plant	Electric Powered Pump 3 to 10 HP	Ea	\$2,899.27
533	Pumping Plant	HU-Electric Powered Pump 3 to 10 HP	Ea	\$3,479.13
533	Pumping Plant	Electric Powered Pump 40 to 60 HP	Ea	\$10,175.68
533	Pumping Plant	HU-Electric Powered Pump 40 to 60 HP	Ea	\$12,210.82
533	Pumping Plant	Electric Powered Pump over 60 HP	Ea	\$14,249.21
533	Pumping Plant	HU-Electric Powered Pump over 60 HP	Ea	\$17,099.06
533	Pumping Plant	Large piston Manure Pump	Ea	\$27,414.23
533	Pumping Plant	HU-Large piston Manure Pump	Ea	\$32,897.08
533	Pumping Plant	Livestock Nose Pump	Ea	\$392.36
533	Pumping Plant	HU-Livestock Nose Pump	Ea	\$470.84
533	Pumping Plant	Photovoltaic Powered Pump	Ea	\$5,533.27
533	Pumping Plant	HU-Photovoltaic Powered Pump	Ea	\$6,639.93
533	Pumping Plant	Variable Frequency Drive	HP	\$185.79
533	Pumping Plant	HU-Variable Frequency Drive	HP	\$222.95
533	Pumping Plant	Water Ram Pump	Ea	\$1,130.89
533	Pumping Plant	HU-Water Ram Pump	Ea	\$1,357.06
533	Pumping Plant	Windmill Powered Pump	Ea	\$8,152.87
533	Pumping Plant	HU-Windmill Powered Pump	Ea	\$9,783.44
554	Drainage Water Management	Drainage Water Management (DWM)	Ea	\$83.99
554	Drainage Water Management	HU-Drainage Water Management (DWM)	Ea	\$100.79

Code	Practice	Component	Units	Unit Cost
558	Roof Runoff Structure	Concrete Curb	ft	\$13.25
558	Roof Runoff Structure	HU-Concrete Curb	ft	\$15.90
558	Roof Runoff Structure	Roof Gutter	ft	\$7.05
558	Roof Runoff Structure	HU-Roof Gutter	ft	\$8.46
558	Roof Runoff Structure	Roof Gutter with Fascia	ft	\$10.86
558	Roof Runoff Structure	HU-Roof Gutter with Fascia	ft	\$13.03
558	Roof Runoff Structure	Stone Infiltration Sump	Ea	\$805.83
558	Roof Runoff Structure	HU-Stone Infiltration Sump	Ea	\$966.99
558	Roof Runoff Structure	Trench Drain	ft	\$10.31
558	Roof Runoff Structure	HU-Trench Drain	ft	\$12.37
560	Access Road	Constructed road with Heavy Stone Base	ft	\$16.74
560	Access Road	HU-Constructed road with Heavy Stone Base	ft	\$20.09
560	Access Road	Constructed road with Heavy Stone Base and Geotextile	ft	\$21.56
560	Access Road	HU-Constructed road with Heavy Stone Base and Geotextile	ft	\$25.87
560	Access Road	Rehabilitation of Existing Road or site with solid base	ft	\$10.70
560	Access Road	HU-Rehabilitation of Existing Road or site with solid base	ft	\$12.84
561	Heavy Use Area Protection	Concrete slab with curb on steep site	sq ft	\$8.86
561	Heavy Use Area Protection	HU-Concrete slab with curb on steep site	sq ft	\$10.63
561	Heavy Use Area Protection	Concrete Slab with Curb, Steep site with Retaining Wall	sq ft	\$14.87
561	Heavy Use Area Protection	HU-Concrete Slab with Curb, Steep site with Retaining Wall	sq ft	\$17.84
561	Heavy Use Area Protection	Concrete Slab with Curbs & Buckwall	sq ft	\$9.65
561	Heavy Use Area Protection	HU-Concrete Slab with Curbs & Buckwall	sq ft	\$11.58
561	Heavy Use Area Protection	Concrete Slab with Curbs, Reinforced	sq ft	\$7.41
561	Heavy Use Area Protection	HU-Concrete Slab with Curbs, Reinforced	sq ft	\$8.89
561	Heavy Use Area Protection	Concrete Slab, reinforced with gravel foundation	sq ft	\$4.14
561	Heavy Use Area Protection	HU-Concrete Slab, reinforced with gravel foundation	sq ft	\$4.97
561	Heavy Use Area Protection	Gravel pad on geotextile with site prep	sq ft	\$1.69
561	Heavy Use Area Protection	HU-Gravel pad on geotextile with site prep	sq ft	\$2.03
561	Heavy Use Area Protection	Gravel Pad on geotextile, no site prep	sq ft	\$1.35
561	Heavy Use Area Protection	HU-Gravel Pad on geotextile, no site prep	sq ft	\$1.62
570	Stormwater Runoff Control	Silt Fence	ac	\$391.25

Code	Practice	Component	Units	Unit Cost
570	Stormwater Runoff Control	HU-Silt Fence	ac	\$469.50
574	Spring Development	Plastic Tank With Laterals	Ea	\$4,379.77
574	Spring Development	HU-Plastic Tank With Laterals	Ea	\$5,255.72
574	Spring Development	Spring Box with laterals	Ea	\$5,504.70
574	Spring Development	HU-Spring Box with laterals	Ea	\$6,605.64
574	Spring Development	Spring Development laterals	Ea	\$3,883.15
574	Spring Development	HU-Spring Development laterals	Ea	\$4,659.78
574	Spring Development	Spring Development no lateral	Ea	\$2,275.21
574	Spring Development	HU-Spring Development no lateral	Ea	\$2,730.26
575	Trails and Walkways	Walkway, reinforced concrete	sq ft	\$4.13
575	Trails and Walkways	HU- Walkway, reinforced concrete	sq ft	\$4.96
575	Trails and Walkways	Walkway with Gravel and Geotextile	sq ft	\$1.60
575	Trails and Walkways	HU-Walkway with Gravel and Geotextile	sq ft	\$1.92
575	Trails and Walkways	Walkway with gravel, no geotextile	sq ft	\$1.31
575	Trails and Walkways	HU-Walkway with gravel, no geotextile	sq ft	\$1.57
575	Trails and Walkways	Walkway with Rock/Gravel in GeoCell on Geotextile	sq ft	\$3.30
575	Trails and Walkways	HU-Walkway with Rock/Gravel in GeoCell on Geotextile	sq ft	\$3.96
575	Trails and Walkways	Walkway, earth or vegetated	sq ft	\$0.21
575	Trails and Walkways	HU-Walkway, earth or vegetated	sq ft	\$0.26
578	Stream Crossing	Culvert installation	InFt	\$7.04
578	Stream Crossing	HU-Culvert installation	InFt	\$8.44
578	Stream Crossing	Ford with Water Management	sq ft	\$14.81
578	Stream Crossing	HU-Ford with Water Management	sq ft	\$17.77
578	Stream Crossing	Ramp only	sq ft	\$8.71
578	Stream Crossing	HU-Ramp only	sq ft	\$10.45
578	Stream Crossing	Ramp only with Cattle Slats	sq ft	\$7.97
578	Stream Crossing	HU-Ramp only with Cattle Slats	sq ft	\$9.56
578	Stream Crossing	Ramps and channel	sq ft	\$6.12
578	Stream Crossing	HU-Ramps and channel	sq ft	\$7.34
578	Stream Crossing	Ramps and channel with Cattle Slats	sq ft	\$10.69
578	Stream Crossing	HU-Ramps and channel with Cattle Slats	sq ft	\$12.83

Code	Practice	Component	Units	Unit Cost
580	Streambank and Shoreline Protection	Bioengineered	sq ft	\$1.07
580	Streambank and Shoreline Protection	HU-Bioengineered	sq ft	\$1.28
580	Streambank and Shoreline Protection	Bioengineered with Toe Protection	sq ft	\$3.14
580	Streambank and Shoreline Protection	HU-Bioengineered with Toe Protection	sq ft	\$3.77
580	Streambank and Shoreline Protection	Geotextile Wrapped	sq ft	\$27.29
580	Streambank and Shoreline Protection	HU-Geotextile Wrapped	sq ft	\$32.75
580	Streambank and Shoreline Protection	Rock Structure, Deflector or Cross Vane	Ea	\$3,637.89
580	Streambank and Shoreline Protection	HU-Rock Structure, Deflector or Cross Vane	Ea	\$4,365.47
580	Streambank and Shoreline Protection	Structural small, banks less than 4 ft	CuYd	\$103.39
580	Streambank and Shoreline Protection	HU-Structural small, banks less than 4 ft	CuYd	\$124.07
580	Streambank and Shoreline Protection	Structural, >5 ft bank	CuYd	\$101.47
580	Streambank and Shoreline Protection	HU-Structural, >5 ft bank	CuYd	\$121.76
580	Streambank and Shoreline Protection	Vegetative	sq ft	\$0.66
580	Streambank and Shoreline Protection	HU-Vegetative	sq ft	\$0.80
585	Stripcropping	Stripcropping - wind and water erosion	ac	\$1.35
585	Stripcropping	HU-Stripcropping - wind and water erosion	ac	\$1.62
587	Structure for Water Control	Basin, earthen	LnFt	\$24.80
587	Structure for Water Control	HU-Basin, earthen	LnFt	\$29.76
587	Structure for Water Control	Commercial Inline Flashboard Riser	InFt	\$3.33
587	Structure for Water Control	HU-Commercial Inline Flashboard Riser	InFt	\$4.00
587	Structure for Water Control	Culvert <30 inches CMP	InFt	\$2.49
587	Structure for Water Control	HU-Culvert <30 inches CMP	InFt	\$2.98
587	Structure for Water Control	Culvert <30 inches HDPE	InFt	\$2.29
587	Structure for Water Control	HU-Culvert <30 inches HDPE	InFt	\$2.75
587	Structure for Water Control	Forestland Waterbar	Ea	\$130.29
587	Structure for Water Control	HU-Forestland Waterbar	Ea	\$156.35
587	Structure for Water Control	Grated Dropbox	Ea	\$1,045.70
587	Structure for Water Control	HU-Grated Dropbox	Ea	\$1,254.84
587	Structure for Water Control	Rock Checks for Water Surface Profile	ton	\$53.87
587	Structure for Water Control	HU-Rock Checks for Water Surface Profile	ton	\$64.64
587	Structure for Water Control	Slide Gate	ft	\$1,615.90

Code	Practice	Component	Units	Unit Cost
587	Structure for Water Control	HU-Slide Gate	ft	\$1,939.08
587	Structure for Water Control	Sprinkler gun	Ea	\$574.94
587	Structure for Water Control	HU-Sprinkler gun	Ea	\$689.93
587	Structure for Water Control	Trench Drain with grate	Ea	\$1,342.82
587	Structure for Water Control	HU-Trench Drain with grate	Ea	\$1,611.39
587	Structure for Water Control	Water Bar	Ea	\$627.75
587	Structure for Water Control	HU-Water Bar	Ea	\$753.30
590	Nutrient Management	Adaptive NM	Ea	\$2,005.44
590	Nutrient Management	HU-Adaptive NM	Ea	\$2,406.53
590	Nutrient Management	Basic NM (Non-Organic/Organic)	ac	\$6.44
590	Nutrient Management	HU-Basic NM (Non-Organic/Organic)	ac	\$7.73
590	Nutrient Management	Basic NM with Manure and/or Compost (Non-Organic/Organic)	ac	\$13.83
590	Nutrient Management	HU-Basic NM with Manure and/or Compost (Non-Organic/Organic)	ac	\$16.60
590	Nutrient Management	Basic NM with Manure Injection or Incorporation	ac	\$27.99
590	Nutrient Management	HU-Basic NM with Manure Injection or Incorporation	ac	\$33.59
590	Nutrient Management	Basic Precision NM (Non-Organic/Organic)	ac	\$37.86
590	Nutrient Management	HU-Basic Precision NM (Non-Organic/Organic)	ac	\$45.43
590	Nutrient Management	Small Farm NM (Non-Organic/Organic)	Ea	\$216.34
590	Nutrient Management	HU-Small Farm NM (Non-Organic/Organic)	Ea	\$259.61
591	Amendments for the Treatment of Agricultural Waste	Liquid Animal Waste Amendment	cu ft	\$0.01
591	Amendments for the Treatment of Agricultural Waste	HU-Liquid Animal Waste Amendment	cu ft	\$0.02
591	Amendments for the Treatment of Agricultural Waste	Litter Amendments for Air Quality With Partially Treated Brood Chamber, 4 applications per year	kSqFt	\$86.37
591	Amendments for the Treatment of Agricultural Waste	HU-Litter Amendments for Air Quality With Partially Treated Brood Chamber, 4 applications per year	kSqFt	\$103.65
591	Amendments for the Treatment of Agricultural Waste	Litter Amendments for Water Quality With Partially Treated Brood Chamber, 4 applications per year	kSqFt	\$118.77
591	Amendments for the Treatment of Agricultural Waste	HU-Litter Amendments for Water Quality With Partially Treated Brood Chamber, 4 applications per year	kSqFt	\$142.53
591	Amendments for the Treatment of Agricultural Waste	Litter Amendments for Water Quality With Partially Treated Brood Chamber, 5 applications per year	kSqFt	\$157.20
591	Amendments for the Treatment of Agricultural Waste	HU-Litter Amendments for Water Quality With Partially Treated Brood Chamber, 5 applications per year	kSqFt	\$188.64

Code	Practice	Component	Units	Unit Cost
592	Feed Management	Cow Dairy, Large	ani unt	\$3.03
592	Feed Management	HU-Cow Dairy, Large	ani unt	\$3.64
592	Feed Management	Dairy, Group	Ea	\$2,028.84
592	Feed Management	HU-Dairy, Group	Ea	\$2,434.61
592	Feed Management	Dairy, Small	ani unt	\$25.93
592	Feed Management	HU-Dairy, Small	ani unt	\$31.12
592	Feed Management	Livestock	ani unt	\$1.51
592	Feed Management	HU-Livestock	ani unt	\$1.82
592	Feed Management	Meat Bird	ani unt	\$2.71
592	Feed Management	HU-Meat Bird	ani unt	\$3.26
595	Integrated Pest Management (IPM)	Advanced Field All RCs	ac	\$25.76
595	Integrated Pest Management (IPM)	HU-Advanced Field All RCs	ac	\$30.91
595	Integrated Pest Management (IPM)	Advanced IPM Fruit/Veg All RCs	ac	\$141.90
595	Integrated Pest Management (IPM)	HU-Advanced IPM Fruit/Veg All RCs	ac	\$170.28
595	Integrated Pest Management (IPM)	Advanced IPM Orchard All RCs	ac	\$219.77
595	Integrated Pest Management (IPM)	HU-Advanced IPM Orchard All RCs	ac	\$263.73
595	Integrated Pest Management (IPM)	Advanced IPM S-Farm All RCs	Ea	\$851.39
595	Integrated Pest Management (IPM)	HU-Advanced IPM S-Farm All RCs	Ea	\$1,021.67
595	Integrated Pest Management (IPM)	Basic IPM Field >1RC	ac	\$17.39
595	Integrated Pest Management (IPM)	HU-Basic IPM Field >1RC	ac	\$20.87
595	Integrated Pest Management (IPM)	Basic IPM Field 1RC	ac	\$12.88
595	Integrated Pest Management (IPM)	HU-Basic IPM Field 1RC	ac	\$15.46
595	Integrated Pest Management (IPM)	Basic IPM Fruit/Veg >1RC	ac	\$92.85
595	Integrated Pest Management (IPM)	HU-Basic IPM Fruit/Veg >1RC	ac	\$111.42
595	Integrated Pest Management (IPM)	Basic IPM Fruit/Veg 1RC	ac	\$72.18
595	Integrated Pest Management (IPM)	HU-Basic IPM Fruit/Veg 1RC	ac	\$86.62
595	Integrated Pest Management (IPM)	Basic IPM Orchard >1RC	ac	\$141.90
595	Integrated Pest Management (IPM)	HU-Basic IPM Orchard >1RC	ac	\$170.28
595	Integrated Pest Management (IPM)	Basic IPM Orchard 1RC	ac	\$92.85
595	Integrated Pest Management (IPM)	HU-Basic IPM Orchard 1RC	ac	\$111.42
595	Integrated Pest Management (IPM)	IPM S-Farm >1RC	Ea	\$567.60

Code	Practice	Component	Units	Unit Cost
595	Integrated Pest Management (IPM)	HU-IPM S-Farm >1RC	Ea	\$681.11
595	Integrated Pest Management (IPM)	IPM S-Farm 1RC	Ea	\$438.05
595	Integrated Pest Management (IPM)	HU-IPM S-Farm 1RC	Ea	\$525.66
595	Integrated Pest Management (IPM)	Risk Prevention IPM All RCs	ac	\$116.44
595	Integrated Pest Management (IPM)	HU-Risk Prevention IPM All RCs	ac	\$139.73
600	Terrace	Gradient Terrace	ft	\$3.46
600	Terrace	HU-Gradient Terrace	ft	\$4.15
600	Terrace	Rebuild, Gradient Terrace	ft	\$2.48
600	Terrace	HU-Rebuild, Gradient Terrace	ft	\$2.97
600	Terrace	Rebuild, Storage Terrace	ft	\$3.50
600	Terrace	HU-Rebuild, Storage Terrace	ft	\$4.20
600	Terrace	Storage Terrace	ft	\$4.53
600	Terrace	HU-Storage Terrace	ft	\$5.44
605	Denitrifying Bioreactor	Denitrifying Bioreactor	CuYd	\$39.86
605	Denitrifying Bioreactor	HU-Denitrifying Bioreactor	CuYd	\$47.83
605	Denitrifying Bioreactor	Denitrifying Bioreactor, No Liner	CuYd	\$38.46
605	Denitrifying Bioreactor	HU-Denitrifying Bioreactor, No Liner	CuYd	\$46.15
606	Subsurface Drain	Corrugated Plastic Pipe, Single Wall, Less than or equal to 6 inches	ft	\$3.95
606	Subsurface Drain	HU-Corrugated Plastic Pipe, Single Wall, Less than or equal to 6 inches	ft	\$4.74
606	Subsurface Drain	Enveloped Corrugated Plastic Pipe, Single Wall, Less than or equal to 6 inches	ft	\$4.75
606	Subsurface Drain	HU-Enveloped Corrugated Plastic Pipe, Single Wall, Less than or equal to 6 inches	ft	\$5.69
612	Tree/Shrub Establishment	High Density, Hand Plant	ac	\$289.76
612	Tree/Shrub Establishment	HU-High Density, Hand Plant	ac	\$347.71
612	Tree/Shrub Establishment	High Density, Hand Plant, Tubes	ac	\$2,877.88
612	Tree/Shrub Establishment	HU-High Density, Hand Plant, Tubes	ac	\$3,453.45
612	Tree/Shrub Establishment	High Density, Mechanical Plant	ac	\$312.49
612	Tree/Shrub Establishment	HU-High Density, Mechanical Plant	ac	\$374.99
612	Tree/Shrub Establishment	High Density, Mechanical plant with tubes	ac	\$2,768.67
612	Tree/Shrub Establishment	HU-High Density, Mechanical plant with tubes	ac	\$3,322.40
612	Tree/Shrub Establishment	Low Density Hand Plant w Tubes	ac	\$1,340.66
612	Tree/Shrub Establishment	HU-Low Density Hand Plant w Tubes	ac	\$1,608.80

Code	Practice	Component	Units	Unit Cost
612	Tree/Shrub Establishment	Low Density Hand Plant with tubes	ac	\$992.87
612	Tree/Shrub Establishment	HU-Low Density Hand Plant with tubes	ac	\$1,191.44
612	Tree/Shrub Establishment	Lower Density Hand Plant with tubes	ac	\$506.00
612	Tree/Shrub Establishment	HU-Lower Density Hand Plant with tubes	ac	\$607.20
612	Tree/Shrub Establishment	Shrubs Planting	Ea	\$0.87
612	Tree/Shrub Establishment	HU-Shrubs Planting	Ea	\$1.05
612	Tree/Shrub Establishment	Tree/Shrub Planted Area with Protection	ac	\$950.75
612	Tree/Shrub Establishment	HU-Tree/Shrub Planted Area with Protection	ac	\$1,140.90
612	Tree/Shrub Establishment	Tree/Shrub Regeneration Area with Protection	ac	\$617.85
612	Tree/Shrub Establishment	HU-Tree/Shrub Regeneration Area with Protection	ac	\$741.42
614	Watering Facility	Frost Proof Trough (2 Ball)	Ea	\$1,081.85
614	Watering Facility	HU-Frost Proof Trough (2 Ball)	Ea	\$1,298.22
614	Watering Facility	Gravity Concrete Trough	Ea	\$1,179.78
614	Watering Facility	HU-Gravity Concrete Trough	Ea	\$1,415.74
614	Watering Facility	Hydrant with prorated trough cost	Ea	\$132.67
614	Watering Facility	HU-Hydrant with prorated trough cost	Ea	\$159.21
614	Watering Facility	Portable Trough	Ea	\$109.44
614	Watering Facility	HU-Portable Trough	Ea	\$131.32
614	Watering Facility	Portable Trough with Hydrant	Ea	\$169.47
614	Watering Facility	HU-Portable Trough with Hydrant	Ea	\$203.36
614	Watering Facility	Storage Tank	Ea	\$1,137.35
614	Watering Facility	HU-Storage Tank	Ea	\$1,364.82
620	Underground Outlet	UO 15 to 18 inch	ft	\$16.31
620	Underground Outlet	HU-UO 15 to 18 inch	ft	\$19.57
620	Underground Outlet	UO 21 to 24 inch	ft	\$26.18
620	Underground Outlet	HU-UO 21 to 24 inch	ft	\$31.42
620	Underground Outlet	UO 27 to 30 inch	ft	\$33.08
620	Underground Outlet	HU-UO 27 to 30 inch	ft	\$39.69
620	Underground Outlet	UO 6 inch or less	ft	\$5.87
620	Underground Outlet	HU-UO 6 inch or less	ft	\$7.05
620	Underground Outlet	UO 6 inch w Riser or less	ft	\$5.97

Code	Practice	Component	Units	Unit Cost
620	Underground Outlet	HU-UO 6 inch w Riser or less	ft	\$7.16
620	Underground Outlet	UO 8 to 12 inch	ft	\$7.55
620	Underground Outlet	HU-UO 8 to 12 inch	ft	\$9.06
620	Underground Outlet	UO 8 to 12 inch w Riser	ft	\$8.71
620	Underground Outlet	HU-UO 8 to 12 inch w Riser	ft	\$10.45
620	Underground Outlet	UO over 30 inch	ft	\$42.00
620	Underground Outlet	HU-UO over 30 inch	ft	\$50.41
620	Underground Outlet	UO with Boring, all sizes	ft	\$27.56
620	Underground Outlet	HU-UO with Boring, all sizes	ft	\$33.08
629	Waste Treatment	Aerator greater than 5 hp	Ea	\$7,457.28
629	Waste Treatment	HU-Aerator greater than 5 hp	Ea	\$8,948.74
629	Waste Treatment	Aerator less than or equal to 5 hp	HP	\$981.13
629	Waste Treatment	HU-Aerator less than or equal to 5 hp	HP	\$1,177.36
629	Waste Treatment	Milking Parlor Waste Treatment System with Dosing System	Gal/Day	\$16.32
629	Waste Treatment	HU-Milking Parlor Waste Treatment System with Dosing System	Gal/Day	\$19.59
629	Waste Treatment	Poultry Litter Incineration	Ea	\$139,285.97
629	Waste Treatment	HU-Poultry Litter Incineration	Ea	\$167,143.17
629	Waste Treatment	Swine Waste, Phosphorus Reduction System	gpm	\$490.10
629	Waste Treatment	HU-Swine Waste, Phosphorus Reduction System	gpm	\$588.12
632	Waste Separation Facility	Concrete Basin	cu ft	\$5.05
632	Waste Separation Facility	HU-Concrete Basin	cu ft	\$6.06
632	Waste Separation Facility	Concrete Sand Settling Lane	sq ft	\$5.90
632	Waste Separation Facility	HU-Concrete Sand Settling Lane	sq ft	\$7.08
632	Waste Separation Facility	Mechanical Separation Facility, 150 AU or less	Ea	\$27,156.38
632	Waste Separation Facility	HU-Mechanical Separation Facility, 150 AU or less	Ea	\$32,587.65
632	Waste Separation Facility	Mechanical Separation Facility, Large, over 150 AU	Ea	\$44,159.89
632	Waste Separation Facility	HU-Mechanical Separation Facility, Large, over 150 AU	Ea	\$52,991.87
632	Waste Separation Facility	On lot solid separation screen and riser box	sq ft	\$40.41
632	Waste Separation Facility	HU-On lot solid separation screen and riser box	sq ft	\$48.49
634	Waste Transfer	Boring , Waste Transfer Pipe, All sizes	ft	\$92.73
634	Waste Transfer	HU- Boring , Waste Transfer Pipe, All sizes	ft	\$111.28

Code	Practice	Component	Units	Unit Cost
634	Waste Transfer	10 inch Transfer pipe	ft	\$19.89
634	Waste Transfer	HU-10 inch Transfer pipe	ft	\$23.87
634	Waste Transfer	12 inch transfer pipe	ft	\$27.47
634	Waste Transfer	HU-12 inch transfer pipe	ft	\$32.97
634	Waste Transfer	24 inch pipe only	ft	\$68.47
634	Waste Transfer	HU-24 inch pipe only	ft	\$82.16
634	Waste Transfer	6 to 8 inch Transfer pipe	ft	\$9.26
634	Waste Transfer	HU-6 to 8 inch Transfer pipe	ft	\$11.11
634	Waste Transfer	6 to 8 inch Pressure Pipe	ft	\$11.32
634	Waste Transfer	HU-6 to 8 inch Pressure Pipe	ft	\$13.59
634	Waste Transfer	Agitator for mixing basin contents 10 to 15 ft deep	Ea	\$13,962.84
634	Waste Transfer	HU-Agitator for mixing basin contents 10 to 15 ft deep	Ea	\$16,755.41
634	Waste Transfer	Agitator for mixing basin contents no more than 10 ft deep	Ea	\$8,931.15
634	Waste Transfer	HU-Agitator for mixing basin contents no more than 10 ft deep	Ea	\$10,717.38
634	Waste Transfer	Agitator for mixing basin contents over 15 feet deep	Ea	\$20,390.31
634	Waste Transfer	HU-Agitator for mixing basin contents over 15 feet deep	Ea	\$24,468.37
634	Waste Transfer	Concrete channel	sq ft	\$9.44
634	Waste Transfer	HU-Concrete channel	sq ft	\$11.33
634	Waste Transfer	Drag Hose	ft	\$8.81
634	Waste Transfer	HU-Drag Hose	ft	\$10.57
634	Waste Transfer	Hard Hose Reel	ft	\$25.69
634	Waste Transfer	HU-Hard Hose Reel	ft	\$30.83
634	Waste Transfer	Hopper, over 40ft of 24 inch pipe	ft	\$95.72
634	Waste Transfer	HU-Hopper, over 40ft of 24 inch pipe	ft	\$114.87
634	Waste Transfer	Hopper, with 40 ft or less of 24 inch pipe	ft	\$139.56
634	Waste Transfer	HU-Hopper, with 40 ft or less of 24 inch pipe	ft	\$167.47
634	Waste Transfer	Inlet and Reception Pit, 1k to 5k gal, with pipe	gal	\$2.18
634	Waste Transfer	HU-Inlet and Reception Pit, 1k to 5k gal, with pipe	gal	\$2.62
634	Waste Transfer	Inlet and Reception Pit, less than 1000 gal, with pipe	gal	\$4.81
634	Waste Transfer	HU-Inlet and Reception Pit, less than 1000 gal, with pipe	gal	\$5.77
634	Waste Transfer	Inlet and Reception pit, over 5000 gal	gal	\$2.05

Code	Practice	Component	Units	Unit Cost
634	Waste Transfer	HU-Inlet and Reception pit, over 5000 gal	gal	\$2.46
634	Waste Transfer	Large collection basin with 6 to 8 inch transfer line	gal	\$2.73
634	Waste Transfer	HU-Large collection basin with 6 to 8 inch transfer line	gal	\$3.27
634	Waste Transfer	Long Scrape with Pushoff, 20LF or greater	sq ft	\$9.73
634	Waste Transfer	HU-Long Scrape with Pushoff, 20LF or greater	sq ft	\$11.67
634	Waste Transfer	Lot runoff, Inlet box and pipe	Ea	\$1,726.22
634	Waste Transfer	HU-Lot runoff, Inlet box and pipe	Ea	\$2,071.46
634	Waste Transfer	Lot runoff, inlet box, pipe and pump tank	Ea	\$4,635.39
634	Waste Transfer	HU-Lot runoff, inlet box, pipe and pump tank	Ea	\$5,562.47
634	Waste Transfer	Medium collection basin with 6 inch transfer line	gal	\$3.42
634	Waste Transfer	HU-Medium collection basin with 6 inch transfer line	gal	\$4.10
634	Waste Transfer	Short Scrape with safety gate, less than 20 LF	Ea	\$2,635.53
634	Waste Transfer	HU-Short Scrape with safety gate, less than 20 LF	Ea	\$3,162.64
634	Waste Transfer	Transfer line, pressure, 4 inch or less	ft	\$6.73
634	Waste Transfer	HU-Transfer line, pressure, 4 inch or less	ft	\$8.08
634	Waste Transfer	Transfer Pipe, gravity, 4 inch or less	ft	\$5.98
634	Waste Transfer	HU-Transfer Pipe, gravity, 4 inch or less	ft	\$7.17
634	Waste Transfer	Wastewater reception pit, 670 to 4999 CF	cu ft	\$5.56
634	Waste Transfer	HU-Wastewater reception pit, 670 to 4999 CF	cu ft	\$6.67
635	Vegetated Treatment Area	Existing Vegetative Area, Gravity Flow Surface Application	sq ft	\$0.16
635	Vegetated Treatment Area	HU-Existing Vegetative Area, Gravity Flow Surface Application	sq ft	\$0.20
635	Vegetated Treatment Area	Graded Area, Gravity Flow Surface Application	sq ft	\$0.12
635	Vegetated Treatment Area	HU-Graded Area, Gravity Flow Surface Application	sq ft	\$0.15
635	Vegetated Treatment Area	Vegetated Treatment Area with Minor Grading	sq ft	\$0.12
635	Vegetated Treatment Area	HU-Vegetated Treatment Area with Minor Grading	sq ft	\$0.14
635	Vegetated Treatment Area	VTa using an Existing Vegetative Area with Gated pipe or sprinkler system	sq ft	\$0.10
635	Vegetated Treatment Area	HU-VTA using an Existing Vegetative Area with Gated pipe or sprinkler system	sq ft	\$0.12
638	Water and Sediment Control Basin	WASCOB < 100 Feet	ft	\$24.16
638	Water and Sediment Control Basin	HU-WASCOB < 100 Feet	ft	\$28.93
638	Water and Sediment Control Basin	WASCOB > 100 LF Embankment	ft	\$19.31
638	Water and Sediment Control Basin	HU-WASCOB > 100 LF Embankment	ft	\$23.11

Code	Practice	Component	Units	Unit Cost
642	Water Well	10 inch well cased, PVC, Shallow well	LnFt	\$71.72
642	Water Well	HU-10 inch well cased, PVC, Shallow well	LnFt	\$86.06
642	Water Well	8 inch well cased, PVC, Shallow well	LnFt	\$62.39
642	Water Well	HU-8 inch well cased, PVC, Shallow well	LnFt	\$74.87
642	Water Well	High Volume Typical Well, 8 inch or greater	ft	\$32.88
642	Water Well	HU-High Volume Typical Well, 8 inch or greater	ft	\$39.46
642	Water Well	Typical Well, 6 inch	ft	\$18.30
642	Water Well	HU-Typical Well, 6 inch	ft	\$21.96
643	Restoration of Rare or Declining Natural Communities	Development of Deep Micro-Topographic Features with Heavy Equipment.	ac	\$93.52
643	Restoration of Rare or Declining Natural Communities	HU-Development of Deep Micro-Topographic Features with Heavy Equipment.	ac	\$112.23
643	Restoration of Rare or Declining Natural Communities	Development of Shallow Micro-Topographic Features with Normal Farming Equipment.	ac	\$34.21
643	Restoration of Rare or Declining Natural Communities	HU-Development of Shallow Micro-Topographic Features with Normal Farming Equipment.	ac	\$41.05
643	Restoration of Rare or Declining Natural Communities	Wetland Plug Planting	ac	\$17,655.12
643	Restoration of Rare or Declining Natural Communities	HU-Wetland Plug Planting	ac	\$21,186.15
644	Wetland Wildlife Habitat Management	Development of Deep Micro-Topographic Features with Heavy Equipment.	ac	\$93.52
644	Wetland Wildlife Habitat Management	HU-Development of Deep Micro-Topographic Features with Heavy Equipment.	ac	\$112.23
644	Wetland Wildlife Habitat Management	Development of Shallow Micro-Topographic Features with Normal Farming Equipment.	ac	\$34.21
644	Wetland Wildlife Habitat Management	HU-Development of Shallow Micro-Topographic Features with Normal Farming Equipment.	ac	\$41.05
645	Upland Wildlife Habitat Management	Delayed Mowing	ac	\$94.66
645	Upland Wildlife Habitat Management	HU-Delayed Mowing	ac	\$113.59
645	Upland Wildlife Habitat Management	Development of Deep Micro-Topographic Features with Heavy Equipment.	ac	\$93.52
645	Upland Wildlife Habitat Management	HU-Development of Deep Micro-Topographic Features with Heavy Equipment.	ac	\$112.23
645	Upland Wildlife Habitat Management	Development of Shallow Micro-Topographic Features with Normal Farming Equipment.	ac	\$34.21
645	Upland Wildlife Habitat Management	HU-Development of Shallow Micro-Topographic Features with Normal Farming Equipment.	ac	\$41.05
645	Upland Wildlife Habitat Management	Fallow Field Management with Foregone Income	ac	\$395.87
645	Upland Wildlife Habitat Management	HU-Fallow Field Management with Foregone Income	ac	\$399.99
645	Upland Wildlife Habitat Management	Interrupted Hay Harvest for Grassland Birds	ac	\$95.71

Code	Practice	Component	Units	Unit Cost
645	Upland Wildlife Habitat Management	HU-Interrupted Hay Harvest for Grassland Birds	ac	\$101.88
646	Shallow Water Development and Management	Shallow Water Management	ac	\$17.41
646	Shallow Water Development and Management	HU-Shallow Water Management	ac	\$20.90
646	Shallow Water Development and Management	Shallow Water Management, High Level	ac	\$198.83
646	Shallow Water Development and Management	HU-Shallow Water Management, High Level	ac	\$238.60
647	Early Successional Habitat Development/Management	Disking	ac	\$38.62
647	Early Successional Habitat Development/Management	HU-Disking	ac	\$46.34
647	Early Successional Habitat Development/Management	Early Successional Wildlife Openings	ac	\$1,001.54
647	Early Successional Habitat Development/Management	HU-Early Successional Wildlife Openings	ac	\$1,201.85
647	Early Successional Habitat Development/Management	Low Shade Removal	ac	\$520.38
647	Early Successional Habitat Development/Management	HU-Low Shade Removal	ac	\$624.46
647	Early Successional Habitat Development/Management	Mowing	ac	\$98.46
647	Early Successional Habitat Development/Management	HU-Mowing	ac	\$118.15
647	Early Successional Habitat Development/Management	Overstory Removal	ac	\$432.75
647	Early Successional Habitat Development/Management	HU-Overstory Removal	ac	\$519.30
647	Early Successional Habitat Development/Management	Shelterwood Cut	ac	\$503.78
647	Early Successional Habitat Development/Management	HU-Shelterwood Cut	ac	\$604.54
647	Early Successional Habitat Development/Management	Wildlife feathered edge	ac	\$767.87
647	Early Successional Habitat Development/Management	HU-Wildlife feathered edge	ac	\$921.45
647	Early Successional Habitat Development/Management	Wildlife selective tree felling	Ea	\$17.64
647	Early Successional Habitat Development/Management	HU-Wildlife selective tree felling	Ea	\$21.17
655	Forest Trails and Landings	Grading and Shaping with Vegetative Establishment	ft	\$2.74
655	Forest Trails and Landings	HU-Grading and Shaping with Vegetative Establishment	ft	\$3.29
655	Forest Trails and Landings	Trail Erosion Control w/o Vegetation, Slopes < 35%	Ea	\$153.02
655	Forest Trails and Landings	HU-Trail Erosion Control w/o Vegetation, Slopes < 35%	Ea	\$183.62
655	Forest Trails and Landings	Trail Erosion Control w/o Vegetation, Slopes >35%	Ea	\$138.40
655	Forest Trails and Landings	HU-Trail Erosion Control w/o Vegetation, Slopes >35%	Ea	\$166.08
657	Wetland Restoration	Drain Tile Plug	ft	\$1.62
657	Wetland Restoration	HU-Drain Tile Plug	ft	\$1.94
657	Wetland Restoration	Hydrologic restoration with embankment or ditch plug	ft	\$25.08
657	Wetland Restoration	HU-Hydrologic restoration with embankment or ditch plug	ft	\$30.10

Code	Practice	Component	Units	Unit Cost
658	Wetland Creation	Wetland Creation	ac	\$3,084.42
658	Wetland Creation	HU-Wetland Creation	ac	\$3,701.31
659	Wetland Enhancement	Enhanced wetland Topography	ac	\$1,192.14
659	Wetland Enhancement	HU-Enhanced wetland Topography	ac	\$1,360.20
666	Forest Stand Improvement	Basal Stem Treatment	ac	\$331.58
666	Forest Stand Improvement	HU-Basal Stem Treatment	ac	\$397.89
666	Forest Stand Improvement	Chemical, Ground	ac	\$155.60
666	Forest Stand Improvement	HU-Chemical, Ground	ac	\$186.72
666	Forest Stand Improvement	Comprehensive Forest Stand Treatment with Chipping	ac	\$570.67
666	Forest Stand Improvement	HU-Comprehensive Forest Stand Treatment with Chipping	ac	\$684.81
666	Forest Stand Improvement	Comprehensive Forest Stand Treatment, no chipping	ac	\$412.24
666	Forest Stand Improvement	HU-Comprehensive Forest Stand Treatment, no chipping	ac	\$494.69
666	Forest Stand Improvement	Forest opening, heavy density	ac	\$1,001.54
666	Forest Stand Improvement	HU-Forest opening, heavy density	ac	\$1,201.85
666	Forest Stand Improvement	Forest Openings, Low Density	ac	\$539.82
666	Forest Stand Improvement	HU-Forest Openings, Low Density	ac	\$647.78
666	Forest Stand Improvement	Mechanical, Heavy Equipment	ac	\$412.08
666	Forest Stand Improvement	HU-Mechanical, Heavy Equipment	ac	\$494.50
666	Forest Stand Improvement	Shelterwood Cut	ac	\$382.06
666	Forest Stand Improvement	HU-Shelterwood Cut	ac	\$458.47
666	Forest Stand Improvement	Single Stem Chemical Thinning	ac	\$288.21
666	Forest Stand Improvement	HU-Single Stem Chemical Thinning	ac	\$345.85
666	Forest Stand Improvement	Thinning Hand Tools with a Consultant	ac	\$247.52
666	Forest Stand Improvement	HU-Thinning Hand Tools with a Consultant	ac	\$297.02
666	Forest Stand Improvement	Wildlife Crop Tree Release	ac	\$246.21
666	Forest Stand Improvement	HU-Wildlife Crop Tree Release	ac	\$295.46
666	Forest Stand Improvement	Wildlife selective tree felling	ac	\$206.20
666	Forest Stand Improvement	HU-Wildlife selective tree felling	ac	\$247.45
670	Lighting System Improvement	Automatic Controller System	Ea	\$232.55
670	Lighting System Improvement	HU-Automatic Controller System	Ea	\$279.06
670	Lighting System Improvement	Lighting - CFL	Ea	\$14.64

Code	Practice	Component	Units	Unit Cost
670	Lighting System Improvement	HU-Lighting - CFL	Ea	\$17.57
670	Lighting System Improvement	Lighting - LED	Ea	\$11.04
670	Lighting System Improvement	HU-Lighting - LED	Ea	\$13.25
670	Lighting System Improvement	Lighting - Linear Fluorescent	Ea	\$275.26
670	Lighting System Improvement	HU-Lighting - Linear Fluorescent	Ea	\$330.31
670	Lighting System Improvement	Lighting - Pulse-Start Metal Halide	Ea	\$518.63
670	Lighting System Improvement	HU-Lighting - Pulse-Start Metal Halide	Ea	\$622.36
670	Lighting System Improvement	Lighting, Dairy Complex	sq ft	\$0.84
670	Lighting System Improvement	HU-Lighting, Dairy Complex	sq ft	\$1.00
670	Lighting System Improvement	Lighting-High Bay LED	Ea	\$544.09
670	Lighting System Improvement	HU-Lighting-High Bay LED	Ea	\$652.91
672	Building Envelope Improvement	Building Envelope - Attic Insulation	sq ft	\$0.65
672	Building Envelope Improvement	HU-Building Envelope - Attic Insulation	sq ft	\$0.78
672	Building Envelope Improvement	Building Envelope - Greenhouse Screens	sq ft	\$1.59
672	Building Envelope Improvement	HU-Building Envelope - Greenhouse Screens	sq ft	\$1.90
672	Building Envelope Improvement	Building Envelope - Sealant	ft	\$1.37
672	Building Envelope Improvement	HU-Building Envelope - Sealant	ft	\$1.64
672	Building Envelope Improvement	Building Envelope - Wall Insulation	sq ft	\$1.58
672	Building Envelope Improvement	HU-Building Envelope - Wall Insulation	sq ft	\$1.90
672	Building Envelope Improvement	Spray Foam Insulation	sq ft	\$1.82
672	Building Envelope Improvement	HU-Spray Foam Insulation	sq ft	\$2.19
672	Building Envelope Improvement	Wall Insulation Only	sq ft	\$0.65
672	Building Envelope Improvement	HU-Wall Insulation Only	sq ft	\$0.78
735	Waste Gassification Facility	Waste Gasification, less than or equal to 700lbs./hour	Lb/Day	\$26.22
735	Waste Gassification Facility	HU-Waste Gasification, less than or equal to 700lbs./hour	Lb/Day	\$31.47
735	Waste Gassification Facility	Waste Gasification, more than 700lbs./hour	Lb/Day	\$17.84
735	Waste Gassification Facility	HU-Waste Gasification, more than 700lbs./hour	Lb/Day	\$21.40
782	Phosphorous Removal System	Ditch	Ea	\$3,302.79
782	Phosphorous Removal System	HU-Ditch	Ea	\$3,963.35
782	Phosphorous Removal System	In-Ground Tank	Ea	\$3,437.47
782	Phosphorous Removal System	HU-In-Ground Tank	Ea	\$4,124.97